

User Manual

ProLine SIP Compact SIP ProLine SV SIP ProLine SIP Compact Compact SV SIP

ProLine 'for Teams' ProLine Compact 'for Teams' Compact SV 'for Teams'

Software version 3.6.11 or higher

Manual version: 3.2.11 Date: 23-10-2020



About this manual

This manual describes the installation and programming of the Robin SIP intercoms in combination with software version 3.6.10. You can update the software of the Robin to the latest version. For instructions on updating see page 63 of this manual.

This manual applies to:

Robin ProLine SIP (1, 2, 4 buttons or keypad) Robin Compact SIP Robin ProLine SV SIP (1, 2, 4 buttons or keypad) Robin ProLine SIP Compact Robin Compact SV SIP

This manual also applies to all 'for Teams' intercoms of Robin, these are optimized intercoms for use with the CyberGate service of CyberTwice.

If you have any questions after reading this manual, please contact us at:

website: www.robintele.com support website: support.robintele.com e-mail: info@robin.nl phone: + 31 72 534 64 26

Important safety information

Take the following security measures when using a Robin:

- The use of port forwarding in routers / firewalls to access the Robin door phones is strongly discouraged. Use the Robin door phones on the local network (LAN) only
- Change at first use the passwords of both the 'admin' and the 'user' (in the menu -System-Security-), it is recommended to change them regularly
- Use strong passwords (minimum 12 characters long)
- Configure the used PBX / VoIP provider to only allow the Robin door phone to call its programmed destination numbers using the white-list function in the PBX / VoIP provider
- Update the Robin door phone regularly



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1 Introduction

1.1 Robin SmartView / ProLine SIP Door Intercom



Integrated functions

The Robin SIP models have many integrated functions in one single device:

- Telephone device with one piezo push-button
- SIP support for audio
- Door opener
- Advanced event mechanism
- Extended API (Application Programming Interface)

The Robin SV SIP models have the same features as the Robin SIP but extends its feature set with:

- SIP support for audio and video
- High-Definition, full colour camera with a wide-angle lens
- Security camera with movement- and audio detection
- RTSP streaming (audio and video)

The Robin ProLine is equipped with the same features as the Robin SV SIP models but extends its feature set with:

- Premium design
- Backlit button(s) for more convenience during night time use
- Engravable illuminating labels
- Recessed screws
- Modified GUI-layout
- ProLine Equipped with one, two, four buttons (Keypad available on ProLine)
- ProLine SIP Compact Compact form factor, no visable screws



1.2 Robin features

Easy to install

A single module is all that has to be mounted; there are no extra modules necessary.

Simple operation

The Robin devices with 1, 2 or 4 buttons can dial predefined phone extensions. The door opener relay is activated via the device to which the call is directed. On the Robin devices with a keypad, the call is set up by typing a preset number on the keypad. It also features a PIN code feature that can be used to unlock the door. All Robin intercoms with an integrated camera are capable of sending e-mails containing a photograph of the person using the intercom to predefined recipients.

SIP communication

The Robin uses the Session Initiation Protocol (SIP). This means that the intercom can be connected to any IP-PBX or VoIP provider that supports the SIP protocol.

Robin 'for Teams'

The Robin 'for Teams' cannot be used with an IP-PBX or VoIP provider. It is optimized for use with the CyberGate service of CyberTwice.

Microsoft Teams support

The Robins can be connect to a Microsoft Teams environment using the CyberGate service of CyberTwice. CyberGate offers audio and video support. Calls made with a Robin that has an intergrated camera will be directed to a Microsoft Teams user that can cummunicate, see the person at the door and open the door remotely. For more information about CyberGate, see the website cybertwice.com

Door opener

The potential free (dry contact) relay switch embedded in the Robin is activated by typing in a key combination at the dialled device. The key combination can be specified in the WEB-GUI of the Robin. The relay can be used to open a door, a gate or a barrier.

Video support (Robin devices with integrated camera)

A real-time video image of the person using the Robin is displayed on the screen of the H.264



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compatible videophone or softphone as soon as a call is answered.

! Note: When using an IP-PBX or VoIP provider, check the distributor of the IP-PBX or the VoIP provider for H.264 video compatibility. !

High-Definition video quality (Robin devices with integrated camera)

The integrated camera of the Robin is capable of displaying the video image in High-Definition. The image can be set to an aspect ratio of 4x3 or 16x9. A maximum of three simultaneous video streams is supported.

High-quality sound reproduction

Thanks to the advanced audio DSP in the Robin, it's sound quality is exceptionally good without any echo or interference.

Security camera function (Robin devices with integrated camera)

The integrated camera can also be used for surveillance purposes. The Robin is able to deliver the video stream to many Video Management Software systems (VMS) in two formats, MJPEG and H.264 (RTSP). It is also capable of capturing the person using the camera and sending e-mails with that photo to predefined recipients.

Picture To Email (Robin devices with integrated camera)

All Robin devices with integrated camera are equipped with the Picture To Email feature. It will send an e-mail with a photo of the visitor to an (per button or preset configurable) email address of choice. The document: How-To_Picture2Email_ENG.pdf on the provided USB drive describes the configuration of this function. You can also download this document on our support site: http:// support.robintele.com

No separate power supply

The Robin is powered via Power over Ethernet (PoE IEEE 802.3af). This eliminates the need for a separate power supply; connection to a PoE network switch or Midspan is all that is necessary.



Web-based configuration

The Robin can be configured on a PC or Mac via a web browser (e.g. Firefox, Chrome, Safari). Using a web browser, modification of all the settings for the Robin is easy, regardless of the physical location of the Robin.

In addition to configuring and programming the Robin via the web browser, it also offers the option of viewing any activity in the vicinity of the Robin in real time with the integrated camera.

Compatible with WEBRelay

The Robin is compatible with an external IP relays, the ControlByWeb WEBRelay Quad-LS. This external device is equipped with 4 build-in relays and can be connected to the LAN. The 'Events' mechanism in the Robin can control the four relays (page. 56).



2 Operation

2.1 Operating the door phone

2.1.1 Robin with one or more buttons

To ring the door phone, press on the bell-sign on the Robin. The unit will play a ringing sound and the defined telephone set will be called. The Robin ProLine models will also blink the label illumination when the button is pressed.

2.1.2 Robin with keypad

The Robin with keypad has 16 keys.

- Keys 1, 2, 3, 4, 5, 6, 7, 8, 9 and 0, use these keys to type the desired preset
- Green call button, start calling the just entered preset
- Red disconnect button, disconnect the call
- The 'i'-key, call a programmed preset
- The 'C'-key, clear the input
- The '*'- and '#'-key, used for entering a PIN code

The Robin with keypad offers you the ability to create a call list. This call list contains presets (for example apartment numbers) to which you can assign up to three phone numbers, an e-mail address (optional) and a PIN code (optional). By dialing the preset number on the intercom it will start calling phone number one. If the first number is engaged or not answering it will continue wit the second number. If the second number is engaged or not answering it will continue wit the third number. It also features a 'i-button' on the Keypad. This button can be programmed to dial a defined preset, for instance the reception or building manager.

If the green call button is pushed without dialing a preset first, the preset programmed for the 'i'-key will be dialed.

Keypad specific settings such as beep volume, -frequency or backlight settings can be changed in the menu -Telephony-Call settings-General-.

2.2 Answering

You answer a call initiated by the Robin by answering the phone that is being called. In case you use a H.264 compatible videophone or softphone, the video picture of the integrated camera is displayed on the screen of the phone.



2.3 Controlling the built-in door opener

The built-in door opener is controlled with predefined keys on the telephone set that answers the call. When you activate the door opener, the attached door, gate, barrier, etc. will open.

You can change the default code to open the door in the interface of the Robin in the menu -System-Switch- (default code: ##).

2.4 Access using a PIN code (Robin with keypad only)

The Robin with keypad can activate the door opener by entering a PIN code on the Keypad. This PIN code is preset depended, so every preset can have its own PIN code. When the correct PIN code is entered, the intercom can activate the build-in relay switch or an external relay switch using the 'Events' mechanism.

To enter a PIN code on the intercom, start by pressing the '*'-key and end it by pressing the '#'-key. Assuming the PIN code is 123456 you will need to enter: *123456# to unlock the door. When a valid PIN code is entered a tune will be played by the intercom and the build-in relay switch will be activated.



3 Installation

3.1 Package contents

- The Robin
- USB stick containing the manuals and the 'Robin Discovery Utility' software
- Anti-theft Allen key
- 4 anti-theft screws
- 4 wall plugs (6mm)
- Drilling template
- Tie-wrap

3.2 Installation dimensions Robin Compact SV / SIP

The installation dimensions of the Robin SV / SIP differ from the dimensions of the Robin ProLine SIP models.



The dimensions of the surface-mount box are:

• 1	. button - C01100	88 (B) x (47 (D) x 162 (H)
-----	-------------------	----------------------------



3.3 Installation dimensions Robin ProLine

The dimensions of the Robin ProLine are identical for all versions. The 1, 2, 4 button and the Robin with Keypad all use the same size of surface- and flush mount boxes.



The dimensions of the flush mount box and surface mount box are:

 1, 2, 4 button flush mount box - C01112 	88 (B) x 47 (D) x 239 (H)
 1,2,4 button surface mount box - C03001 	115 (B) x 45 (D) x 261 (H)

3.4 Tools and materials required for mounting without the flush mount box or surface mount box

The following tools and materials are required when mounting the Robin:

- Core drill, 90 mm in diameter
- Masonry drill, 6 mm in diameter
- Stone chisel
- General set of tools
- Anti-theft Allen key (supplied)
- Anti-theft screws (supplied)
- 6mm wall plugs (supplied)
- Drilling template (supplied)
- Tie wrap (supplied)



3.5 Mounting instructions for mounting without the flush mount box or surface mount box

Follow the step-by-step plan described below for problem-free mounting of the Robin.

Step-by-step plan:

- 1. Drill holes of 90 mm in diameter and 60 mm in depth using the core drill. Use the drilling template supplied in the package for this.
- 2. Remove the cores from the drilling using the stone chisel. Shape the hole so that the plastic housing of the Robin fits with room to spare.
- 3. Feed the cable into the hole, leave enough excess length for a loop in the hole.
- 4. Drill the four fixing holes for the front panel using the drilling template and insert the wall plugs supplied with the set into the holes.
- 5. Connect the Ethernet cable to the clamp connector. (Chapter 3.9)
- 6. Optional connect the cable for operating the door switch to the clamp connector.
- 7. Secure the cable to the plastic housing using a tie-wrap.
- 8. Position the Robin in the hole in such a way that the looped cable fits neatly behind the device.
- 9. Fix the device securely in place using the anti-theft screws supplied in the package.

3.6 Installation dimensions Robin ProLine SIP Compact

See the drawing for the dimensions of the Robin ProLine SIP Compact. It ships with a surface mount box.





3.7 Tools and materials required for mounting the Robin ProLine SIP Compact

The following tools and materials are required when mounting the Robin:

- Masonry or wood drill
- General set of tools
- Allen key (supplied)
- Screw (supplied)
- Tie wrap (supplied)

3.8 Mounting instructions

Follow the step-by-step plan described below for problem-free mounting of the Robin ProLine SIP Compact.

Step-by-step plan:

- 1. Keep the surface-mounting box in the right place on the wall and make sure it is level.
- 2. Mark the four mounting holes on the wall with a pencil.
- 3. Also mark the point where to make the hole for the doorbell cables.
- 4. Drill the holes.
- 5. Feed the ethernet cable and optionally the relais cables through the drilled hole.
- 6. Screw the surface-mounting box to the wall.
- 7. Connect the unit.
- 8. Place the unit at an angle in the mounting box. Secure the doorbell with the screw and Allen key supplied











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3.9 Connecting the Robin



Connecting the Robin

To connect the Robin, use an Ethernet cable, type CAT5(e) or CAT6. The colours of the individual wires match the colour codes below the connector.

To connect to the built-in relay switch, use a second cable.

Colour codes

•	OR / W	Orange / white
-	OR	Orange
•	GR / W	Green / white
-	BL	Blue
-	BL/W	Blue / white
-	GR	Green
-	BR / W	Brown / white
-	BR	Brown
-	REL_NO	Relays connection, 'Normally open'
-	REL_CC	Relays connection, 'Common'



4 System installation

4.1 Requirements prior to installation

- Network connection with PoE (Power over Ethernet) is used to power the Robin; the power supply must be 802.3af compatible).
- PC with web browser.
- The following web browsers are supported:
 - FireFox
 - Safari
 - Google Chrome
- USB stick containing the 'Robin Discovery Utility' software and manuals (supplied)
- Network with or without DHCP support (DHCP support is recommended)
- Network cable
- Optional Two-core cable for door switch operation

4.2 Connecting the Robin to a network

Connect the Robin to the network via the network connection socket on the rear. The Robin will boot automatically. This can take up to 60 seconds.

! Note: The length of the Ethernet cable may not exceed 100 metres. This is a limit of the Ethernet standard. *!*



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Windows users:

Copy the 'Robin Discovery Utility' software to a PC that is connected to the network. Start the 'Robin Discovery Utility' software and click the "Play" button. The software will scan for Robin devices in the network. When a Robin is detected, it is displayed in the list. Double-click on the Robin you would like to configure; the web interface for the selected Robin will show.

Robin Discovery Utility				X
Server Help				
Device name	IP address	Host ID		
II				

Mac / Linux users:

Enter the IP address of the Robin in the address bar of the web browser that is installed on your PC in order to access the web interface.

The Robin can now be configured via the web interface (see Chapter 5, Configuration).



5 Configuration

5.1 Logging in to the Robin

The Robin can be used accessed as an 'Administrator' or as a 'User'.

- The Administrator can configure all settings of the Robin. To initially configure the Robin you will need to login as an Administrator.
- The User can only watch live video and optionally control the door opener. A User can't modify settings of the Robin.

The login credentials can be changed in the web interface of the Robin. The default credentials are:

- Administrator Login: admin, Password: 123qwe
- User Login: user, Password: has to be defined

! Note: Change the password immediately after installation, both the Administrator and the User, (menu -System-Security-). The use of strong passwords is highly recommended !

The Robin will warn you when the default password for the Administrator hasn't been changed yet when logging in and will keep warning you until the default password is changed.

RJBIN	ProLine SIP 5 MP IP camera (WideAngle) - 1 Button	version 3.6.9
	Username: Password: Iogin	

We assume here that the network supports DHCP ('Dynamic Host Configuration Protocol'); if so, all settings such as the IP addresses, netmask, gateway and DNS are automatically populated.

DHCP is a default setting of the Robin. If the network does not offer DHCP, the network details must be set manually.



5.2 Configuration of the Robin

The configuration program for the Robin features 5 sections; 'Telephony', 'Audio', 'Video', 'Network' and 'System'.

'Telephony'

In the 'Telephony' section, you configure all of the settings that are required for the communication part of the Robin.

'Audio'

In the 'Audio' section, various modifications to the sound and sound processing features of the Robin can me made, such as loudspeaker volume, microphone sensitivity and echo suppression.

'Video' (on Robin devices with integrated camera)

In the 'Video' section, you can optimise the image quality, view the live video and set the areas of the image to which the camera will respond (motion).

'Network'

In the 'Network' section, you can view and change the network configuration settings for the Robin.

'System'

In the 'System' section, you can view and change the settings that influence standard operation of the Robin. It also contains the 'log files', for easier problem solving.

! Note: In the Robin software you'll note 'APPLY SETTINGS' buttons. Use these buttons to confirm and activate all the changed settings. !



5.2.1 Telephony

5.2.1.1 Telephony / SIP

This is where you enter the data required for registering on an IP-PBX or with a VoIP provider. If the Robin is used for a direct connection (Peer2Peer / P2P) to the telephone handset (without using an IP-PBX or VoIP provider), registration is not required.

The Robin can make use of a second SIP proxy / Register server for failover purposes. It will only be activated if the 'Primary' server fails.

! Note: A secondary SIP proxy of Register server can only be used if both the SIP proxy or Register servers use the same login credentials. It is recommended to set the 'Expires' time to 300 seconds. (The maximum time between switching servers will be 5 minutes) !

RJBIN	ProLine SIP 5 MP IP camera (WideAngle) - 1 Button	Logged in a
Telephony Audio Video Ne	Network System	
SIP Phonebook Call settings	is Call log Control	
SIP settings		
Enable Teams mode		
 SIP protocol 	Udp \$	
SIP proxy / Registar	(p or hostname	
 SIP proxy port number 	5060	
Line ID		
Authentication Username	e	
Password		
Register		
Apply settings		
SIP advanced		
Outbound proxy	0	
Dnssrv		
SIP DSCP Class	CS3 ÷	
Audio RTP DSCP Class	EF ¢	
Video RTP DSCP Class	AF41 \$	
Audio RTP port start	4000	
Audio RTP port end	4499	
Video RTP port start	4500	
Video RTP port end	5000	
RTP port random		
SIP port random		
Keepalive	$\overline{\mathcal{A}}$	
Enable REFER		
Apply settings		



SIP registration

	s mode	Activates the Microsoft Teams mode. The necessary audio and video settings for Microsoft Teams and the CyberGate service are set
 SIP protoco 	I	Select the SIP protocol, UDP or TCP, UDP is default
 SIP proxy / 	registar	Enter the IP address or hostname for the IP-PBX or VoIP provider
 SIP proxy p 	ort number	Enter the IP port number for the IP-PBX or VoIP provider
 Use second Registar 	ary SIP proxy /	<i>Optional</i> - Enter the IP address or hostname for the IP-PBX or VoIP provider
 Line ID 		Enter the Line-ID. If not available, use the same name as the 'Authentication Username'
 Authenticat 	ion Username	Enter the username for registration to the IP-PBX or VoIP provider
 Password 		Enter the password for registration to the IP-PBX or VoIP provider
 Register 		Activates or deactivates registration to for registration to the IP-PBX or VoIP provider
 Expires 		Period of time during which the SIP door intercom can register.
 Registration 	status	Shows registration status



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SIP advanced:

 Outbound proxy 	Select this option when a SIP proxy server is used
 Outbound proxy host 	Enter the IP address or hostname of the proxy server
 Outbound proxy port 	Enter the IP port of the proxy server
 DNSsrv 	Select this option when DNSsrv is used
DSCP Class	The DSCP class is used for Quality of Service.
 SIP DSCP Class 	Select the DSCP class for all SIP traffic
Audio RTP DSCP Class	Select the DSCP class for RTP audio
Video RTP DSCP Class	Select the DSCP class for RTP video
 Audio RTP port start 	Enter the lowest IP port that may be used for the RTP audio stream
 Audio RTP port end 	Enter the highest IP port that may be used for the RTP audio stream
 Video RTP port start 	Enter the lowest IP port that may be used for the RTP video stream
 Video RTP port end 	Enter the highest IP port that may be used for the RTP video stream
 RTP port random 	Use random RTP ports (within the specified range)
 Keep alive 	Enable keep alive packages
 Enable REFER 	Accept 'REFER' packages (off by default)



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5.2.1.2 Telephony / Teams (Robin 'for Teams')

The Robin 'for Teams' versions have a -Telephony-Teams- menu instead of a -Telephony-SIP- menu.

In this menu you can configure the Robin with your CyberGate subscription details found in the admin portal of the CyberGate.

Access the CyberGate admin portal here: https://admin.cybergate.cybertwice.com

RJBIN	ProLine Video Intercom for Teams 5 MP IP Camera 1 button	gged in a
Telephony Audio Video Ne	atwork System	
Teams Phonebook Call settin	igs Call log Control	
Teams settings		
SIP protocol Udp \$		
Username		
Password		
Register		
Apply settings		
 SIP DSCP Class 	CS3 :	
Audio RTP DSCP Class	EF 9	
Video RTP DSCP Class	AF41 \$	
Audio RTP port start	4000	
Audio RTP port end	4499	
Video RTP port start	4500	
Video RTP port end	5000	
RTP port random		
SIP port random		
Apply settings		

Teams settings

•	SIP protocol	Select the SIP protocol, UDP or TCP, UDP is default
•	Username	Enter the username as provided to you in the Cyber-Gate admin portal
•	Password	Enter the password as provided to you in the Cyber- Gate admin portal
•	Register	Activates or deactivates registration to for registration to the CyberGate service
•	Expires	Period of time during which the SIP door intercom can register.
•	Registration status	Shows registration status

Teams advanced:

DSCP Class	The DSCP class is used for Quality of Service.
 SIP DSCP Class 	Select the DSCP class for all SIP traffic
Audio RTP DSCP Class	Select the DSCP class for RTP audio
 Video RTP DSCP Class 	Select the DSCP class for RTP video
 Audio RTP port start 	Enter the lowest IP port that may be used for the RTP audio stream
 Audio RTP port end 	Enter the highest IP port that may be used for the RTP audio stream
 Video RTP port start 	Enter the lowest IP port that may be used for the RTP video stream
 Video RTP port end 	Enter the highest IP port that may be used for the RTP video stream
 RTP port random 	Use random RTP ports (within the specified range)
 SIP port random 	Use a random SIP port



5.2.1.3 Telephony / Phonebook

Multiple telephone numbers can be entered in the phone book. These can be used as input elsewhere, for example when setting up 'Schedules'.

A 'Profile' can be associated with each 'Phonebook entry'. A 'Profile' is a set of audio and video settings. This allows definition of individual settings for each telephone number.

! Note: When 'Enable Teams mode' is activated, a default Teams profile is set. The 'Profiles' menu is hidden in 'Enable Teams mode'. *!*

When using a Robin ProLine with Keypad, an extra menu will be visible, called 'Preset'. Within the 'Preset' menu you can create a list with presets. Every preset can contain up to three phone numbers, for instance a fixed phone, a mobile phone and an extra phone. As soon as a preset is chosen using the Keypad, the intercom will first try to connect to the first number. If the first number is engaged or not answering it will continue wit the second number. If the second number is engaged or not answering it will continue wit the third number. Each preset can also contain an e-mail address and a PIN code. The e-mail address can be used for sending an e-mail containing a photo of the person using the intercom. The PIN code of (6 digits) can be used to open the door.

ROBIN Robin SmartView	version dev-4474 Logged in as 'admin' (logout)	
SiP Phonebook Call settings Call log Control		
Description Number Profile Alow register Acopy settings		
© Copyright 2009-2013 Robin Telecom		

Phonebook:

The green '+' creates a new line. The '>>' behind a line opens the details for this line. The red X behind a line deletes the line from the list.

•	Description	The name that is associated with this number
•	Number	The value entered for the telephone number (see comment)
•	Profile	If required, you can select a 'Profile' for this number
•	Allow register	Select this option if the Robin SV has to support a 'Peer to Peer' connection with a telephone set*



! Note: The number can be entered in multiple ways.

- 1. Just the number (e.g. 104, 1002, 6032 etc.). The handset is located on a connected IP-PBX in the same network or using a VoIP provider.
- 2. The number, followed by the IP address of the handset that is to be dialled (e.g. 1000@10.0.0.53, 102@192.168.1.21 etc.). The handset and the Robin are connected to each other directly, i.e. the call is not routed via a IP-PBX or VoIP provider. The Robin SV dials the handset directly.

* Peer to Peer connection: If a direct connection between the Robin and a telephone set is required - without the use of a IP-PBX or VoIP provider - please check our whitepaper: How-To_Peer-to-ENG.pdf on the supplied USB drive or on our support website: http://support.robintele. com

Profiles:

Define profiles. A profile is a set of audio- and video related settings.

The green '+' creates a new line. The '>>' behind a line opens the details for this line. The red X behind a line deletes the line from the list.

RJBIN	Robin SmartView	version dev-4/14 Logged in as 'admin' (logout)
Telephony Audio Video Net	work System	
SIP Phonebook Call settings	Call log Control	
Entry		
X Delete Entry		
Description		
Codec ulaw		
Codec alaw		
Codec gsm		
DTMF event payload type	101	
Codec h264		
Videosize	320x240 \$	
H264 payload type	99	
Variable bit rate		
Bitrate (kbps)	1024 \$	
Apply settings		
	© Copyright 2009-2013 Robin T	alecom



•	Description	The name that is associated with this profile
•	Codec ulaw	Support for the G.711 ulaw audio codec
•	Codec alaw	Support for the G.711 alaw audio codec
•	Codec gsm	Support for the GSM audio codec
•	DTMF event payload type	Change the 'payload type' for DTMF signal transmis- sion. (default value is 101)
•	Codec h264	Support for the H.264 video codec
•	Videosize	Set the resolution for the video*
•	H264 payload type	Change the 'payload type' for H.264 video codec. (default value is 99)
-	Variable bitrate	Support for variable bitrate
-	Bitrate (kbps)	Select the maximum video bit rate. A high bit rate = higher video quality but more bandwidth usage.

! Note: The selected video resolution has to be supported by the device. If the resolution is not compatible, video distortion can occur. *!*



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Telephony Aud	Kobin SmartView Video Network System	version dev-4474 Logged in as 'admin' (logout)
SIP Phoneboo	Call settings Call log Control	
Procet		
X Delete Pres	at and a second s	
= Id		
First		
Second	- 1	
Third		
Email	2	
Pin		
Apply settings		
	Copyright 2009-2013 Robin Telecom	

The green '+' creates a new line. The '>>' behind a line opens the details for this line. The red X behind a line deletes the line from the list.

• Id	The (unique) preset number (eg. the apartment number)
• First	Select the first number to dial
 Second 	Select the second number to dial
Third	Select the third number to dial
■ Email	Select the e-mail address for this preset. Define the e-mail addresses in the menu -Network-Mail-, Address book
Pin	Define the 6-digit PIN code for this preset



5.2.1.4 Telephony / Call settings (Robin with 1, 2, 4 buttons)

R J DIN	Robin Smartview	version dev- Logged in as 'admin' (logo
TELECOM DEVELOPMEN	T tuark Sustam	
SID Dependencia Cell estiticate	Cellies Centrel	
SIF FIDNEDOOK Gail settings	Call log Control	
Call priority		
First 1		
Second +		
Third +		
Email +		
Schedule		
Add Timeslot		
Add Timeslot The Timeslots is currently emotion	,	
Add Timeslot The Timeslots is currently empty	, ,	
Add Timeslot The Timeslots is currently empty General	,	
Add Timeslot The Timeslots is currently empty General Auto answer	0	
Add Timeslot The Timeslots is currently empty General Auto answer Auto answer delay	1 seconds	
Add Timeslot The Timeslots is currently empty General Auto answer Auto answer delay No answer timeout	1 seconds 6 seconds	
Add Timeslot The Timeslots is currently empty General Auto answer Auto answer delay No answer timeout Max call duration	seconds seconds minutes	
Add Timeslot The Timeslots is currently empty General Auto answer Auto answer delay No answer delay No answer timeout Max call duration Call status	T seconds (0) seconds 0) minutes kile	
Add Timeslot The Timeslots is currently empty General Auto answer Auto answer delay No answer timeout Max call duration Call status Video compatibility mode	1 seconds 20 seconds 30 minutes 10 le 21	
Add Timeslot The Timeslots is currently empty General Auto answer Auto answer delay No answer timeout Max call duration Call status Video compatibility mode Aeey settings	1 seconds 60 seconds 10 minutes 10 cle	
Add Timeslot The Timeslots is currently empty General Auto answer Auto answer delay No answer timeout Max call duration Call status Video compatibility mode Apply settings	seconds seconds initutes idle	
Add Timeslot The Timeslots is currently empty General Auto answer Auto answer delay No answer delay No answer timeout Max call duration Call status Video compatibility mode Apply settings	T seconds (0) seconds 0) minutes kile ₽	

Call priority:

The Robin can dial up to three numbers in a set sequence. If the first number is engaged or not answering* it will continue wit the second number. If the second number is engaged or not answering it will continue wit the third number.

For the 2 and 4 button equipped Robins the call priority settings can be defined for each individual button.

First	Select the first number to dial
 Second 	Select the second number to dial
Third	Select the third number to dial

* Change the duration in -Telephony-Call settings-General- using the 'No answer timeout' option.



Schedules:

The Robin features a 'Schedule' function. The schedules can be defined in the menu -System-Schedules-.

This function allows you to set multiple timeslots: e.g. office hours, lunch break, etc. Consequently, during the lunch break the Robin can be set to dial a different telephone number from that configured for normal working hours.

The timeslots are not prioritised so they must be set consecutively, e.g.:

8:30-12:29 morning -> call reception 12:30-13:00 lunch -> call a mobile phone 13:01-17:00 afternoon -> call reception

! Note: When the 'Schedule' function is in use, timeslots take priority over the 'First, Second and Third' settings in -Telephony-Call settings-Call priority-. The intercom checks whether a timeslot is active based on the current time, if not, it reverts to the settings for 'First, Second and Third'. *!*

For the 2 and 4 buttons equipped Robins the schedule settings can be defined for each individual button.

Timeslots:

The green '+' creates a new line. The '>>' behind a line opens the details for this line. The red X behind a line deletes the line from the list.

Telephory Audio Video Network System	version dev-4457 Logged in as 'admin' (logout)
SIP Phonebook Call settings Call log Control	
Timeslot Collecte Timeslot Schedule = 9 Extension = 9 Acopy settinge	
Copyright 2009-2013 Robin Telecom	

•	Schedule	Select the defined schedule
-	Extension	Select the number to dial



Configuration

•	Auto answer	Enables auto answering of incoming calls to the intercom (off by default)
-	Auto answer delay	Answer incoming calls after X seconds
-	No answer timeout	End call attempt after X seconds
-	Max call duration	Maximum duration of a call $(0=no limit)$
•	Call status	Displays the status of the phone functionality of the Robin



5.2.1.5 Telephony / Call settings (Robin with Keypad)

ROBIN ProLine SIP 5 MP IP camera (WideAngle) - Keypad	Logged in as 'admin' (ic
Jephony Audio Video Network System	
P Phonebook Call settings Call log Control	
Keypad	
Preset to call when i-button pressed 1 9	
Backlight brightness	
Beep volume 6	
Beep frequency 700	
Beep duration 2	
Max preset length 4	
General	
Auto answer	
Auto answer delay 1 seconds	
No answer timeout (60) seconds	
Max call duration 0 minutes	
Cali status idle	
Video compatibility mode	
Apply settings	

Keypad:

 Preset to call when i-button pressed 	Select the preset (menu -Telephony-Phonebook-) for the 'i'-key on the Keypad
 Backlight brightness 	Change the intensity of the Keypad backlight
 Beep volume 	Change the volume of the Keypad keys beep
 Beep frequency 	Change the frequency of the Keypad keys beep
 Beep duration 	Change the duration of the Keypad keys beep
 Max preset length 	Define the maximum length of the preset. If for example the length is three, 999 is the highest number to dial. (for two it is 99 en for one it is 9). If the maximum length is reached the intercom will dial automatically



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General:

 Auto answer 	Enables auto answering of incoming calls to the intercom
 Auto answer delay 	Answer incoming calls after X seconds
 No answer timeout 	End call attempt after X seconds
 Max call duration 	Maximum duration of a call ($0=no$ limit)
Call status	Displays the status of the phone functionality of the Robin

5.2.1.6 Telephony / Call log

The call log presents an overview of all the call events to and from the Robin.

You can delete the complete log file using the red X alongside the 'Delete all rows' label. You can delete individual log lines by clicking the red X behind the log line in question.

Call log:

	Robin SmartView		venion dev-4457 Logged in as 'admin' (logout)
Call log			
Time 1970-01-01 01:00:37 +0100 1970-01-01 01:01:03 +0100 1970-01-01 01:01:28 +0100 1970-01-01 01:01:57 +0100	Number Direction @10.0.99 outgoing @10.0.99 outgoing @10.0.99 outgoing @10.0.99 outgoing	Answered Result Image: Image of the second	© Copyright 2009-2013 Robin Telecom



5.2.1.7 Telephony / Control

The Control menu allows you to manually initiate and end a call from the Robin.

Telephony Audio Video Network	Robin SmartView		version dev-4457 Logged in as 'admin' (logout)
SIP Phonebook Call settings Cal	l log Control		
Call Hangup Registration status Registration status secondary Call status	(Cail (Hangup) registered idle		
		© Copyright 2009-2013 Robin Telecom	

Call:

• Call	Initiate a call using the 'Call' button
 Hangup 	End a call using the 'Hangup' button
 Registration status 	Shows the IP-PBX or VoIP provider registration status
 Registration status secundary 	Optional: Shows the secondairy IP-PBX or VoIP pro- vider registration status
 Call status 	Shows the Robins call status (idle, ringing, con- nected)



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5.2.2 Audio

5.2.2.1 Audio / Settings

In this menu you can control all audio related settings such as speaker volume and microphone sensitivity.

RJBI	N ProLine SIP 5 MP IP camera (WideAngie) - 1 Button	Logged in as 'admin' (
Telephony Audio Video	Network System	
Settings Detection Med	1	
Settings		
Settings	0_ 110	
 Settings Speaker volume Microphone sensitivity 	110 40	
Settings Speaker volume Microphone sensitivit Tone volume	40 2	
Settings Speaker volume Microphone sensitivit Tone volume Mute	40 2 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1	
Settings Speaker volume Microphone sensitivit Tone volume Mute Generate test tone		
Settings Speaker volume Microphone sensitivit Tone volume Mute Generate test tone Echo canceler	0,110 0,10 0,10 0,10 0,10 2 0,10 0,	

Settings:

•	Speaker volume	Change the speaker volume
•	Microphone sensitivity	Change the microphone sensitivity
•	Tone volume	Change the tone volume
•	Mute	Tones incoming: All incoming tones of a call (phone -> Robin) Tones all: All of the Robin generated tones All audio: Mute all output (listen-in function)
•	Generate test tone	Play a test tone
•	Echo canceler	Select the echo canceller mode
•	Denoise	By default, all background noise will be filtered to improve the sound quality. In a loud environment the sound quality might improve by disabling this feature
Ha ∎	lf duplex setting only: Vox level	Set the switch level of the microphone / speaker
•	Vox hyst	Modify this setting to smoothen the switch between sending and transmitting



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- Off, no echo cancellation
- Adaptive, active echo cancellation. Allows two-way simultaneous communication
- Half-duplex, makes use of sound detection to switch between speaker or microphone. This disables simultaneous two-way communication. You either speak or listen.

With the echo canceller set to 'half duplex' a 'Vox level' slider is visible. It allows you to set the switch level of the microphone / speaker

! Note: Tuning the 'Vox level' is necessary to establish good communication when set to 'half-duplex'. *!*

5.2.2.2 Audio / Detection

The Robin is capable of detecting sound through its microphone.

This detection can trigger 'Actions' such as activation of a relay switch or automatic calling to a phone set. These actions can be defined in the menu -System-Events-.

Depending on the location of the Robin and the type of sound that should trigger the detection, two parameters can be set: the volume and the duration.

Short audio spikes can be filtered by increasing the duration setting. Background noise can be filtered by increasing the threshold.

ROBIN Robin SmartView		version.dev-4457 Logged in as 'admin' (logout)
Telephony Audio Video Network System		
Settings Detection Media		
Audio detection	Enabled Threshold Duration Copyright 2009-2013 Rabin Telecom	

Audio detection:

Enabled	Enable or disable the audio detection
Treshold	Change the volume threshold of the detection
 Duration 	Change the audio duration of the detection

The colour of the bars is green (= no detection) or red (= detection) The red line indicates the boundary of the detection area.



5.2.2.3 Audio / Media

The Media menu allows you to import audio files into the intercom and play them through the speaker. You can use this to change the tone of the button and the ringback tone, so you can customize the melody that plays when you use the Robin. Use it for:

- Events
- Phone related functions (button, ring back, ring, disconnect, busy)

ROBIN ProLine SIP 5 MP IP camera (WideAngle) - Keypad	vesion 3.6. Logged in as 'admin' (logoul
elephony Audio Video Network System	
ettings Detection Media	
upload	
Upload status Idle	
 Status 	
File upload	
Ande settions	
xbhiA annuða	
media liet	
A Advimenta a Deete dai Metua	
realize riay	
pano ray	
Apply settings	
tone_selection	
tone_selection	
tone_selection	

Upload:

 Upload status 	Shows the upload status
 Status 	Shows the result of the uploaded file
■ File	Select the file to upload (wav of mp3), max. size 1MB

Media list:

The Robin ships with some audio files preloaded.

The green '+' creates a new line. The '>>' behind a line opens the details for this line. The red X behind a line deletes the line from the list.

 Name 	The name that is associated with this audio file
 Play 	Plays the audio file through speaker of the intercom



Tone selection:

Select an audio file to play for a selected phone related function (ring, ringback, disconnect, busy).



The green '+' creates a new line. The '>>' behind a line opens the details for this line. The red X behind a line deletes the line from the list.

 Tone 	Select the phone related function: Button - Sounds when the button is pushed Ring back - Sounds when the Robin is calling a number Ring - Sounds when a someone is calling to the Robin Disconnect - Sounds when te call is ended Busy - Sounds when the called number is busy
 Media 	Select the audio file:



5.2.3 Video (Robin with integrated camera)

5.2.3.1 Video / Live

Shows real time video captured by the camera. Double click on the image to toggle between full screen video or default size video.

By using the on-screen controls in the upper right corner of the image you can modify the brightness of the image.

The three buttons below the video frame functions as controls for the built-in relays switch. They are used for:

- Switching off (Close)
- Switching on (Open)
- Switch on and after a predefined time automatically off (Pulse)

! Note: These three buttons are only visible if the option: ' User can control door opener' (-System-Security-) is enabled. !





5.2.3.2 Video / Settings

You can change all the camera related settings here.

- Settings: settings that are associated with the video quality
- Image settings that are associated with the image quality
- Encoder: settings that are associated with the degree of image compression





Settings:

The 'Sensor mode' menu allows you to choose between two optimization profiles. You can choose between Performance or Quality.

- Performance The Robin settings are optimized to achieve the highest possible frame rate. The video quality will loose some detailing.
- Quality The Robin settings are optimized for the best video quality possible. The frame rate will be limited to approximately 15 frames per second.

The 'Resolution' menu allows you to select the video image resolution. Choose between 'VGA', 'SD' or 'HD'.

- VGA The video image will be presented with a vertical resolution of 480 pixels
- SD The video image will be presented with a vertical resolution of 576 pixels
- HD The video image will be presented with a vertical resolution of 720 pixels

The 'Sensor aspect' menu allows you to choose the preferred aspect ratio of the video image.

- 4x3 The default aspect ratio
- 16x9 Widescreen

Image:

Settings Image Encoder	H.264 Encoder	
Brightness		50
Contrast		50
Saturation		70
Auto gain control (AGC)		
Advanced agc settings		
Fluorescent light		
Auto white balance (AWB)		

•	Brightness	Changes the brightness of the video image
•	Contrast	Changes the contrast of the video image
•	Saturation	Changes the colour saturation of the video image
•	Auto gain control (AGC)	'Automatic Gain Control' automatically matches video image exposure to the light circumstances
•	Fluorescent light	Activate this function if artificial light sources in a room cause interference, e.g. TL strip lighting
•	Auto white balance (AWB)	'Auto White Balance' automatically matches the colour temperature of the video image to the circum-stances



Encoder:

Settings Image	Encoder	H.264 Encoder
Jpeg quality		70

Jpeg quality	Allows you to change the quality of the 'Live' video
	images in the web browser (higher quality but more
	bandwidth usage)

! Note: Higher quality will put extra load on the bandwidth. !

H.264 Encoder

Change the H.264 encoder quality. This will have an impact on the RTSP stream. The storage space and bandwidth required will increase at higher settings.



5.2.3.3 Video / AGC

Define a zone in the image that the AGC will use for the measurements.

The AGC (Automatic Gain Control) automatically matches video image exposure to the light circumstances. This option can be switched on or off at the -Video-Settings- menu.

Use the mouse to define a selection area in the image. Draw a frame in the video image and enlarge/reduce it by dragging the top left and bottom right corners. The red cross at the top removes the selection frame.

Make sure that the most important area in the image is selected for the AGC function. This will usually be the location where the people will stand when they use the Robin.





5.2.3.4 Video / Overlay

Use the overlay option to display extra information in the upper left corner of the video image.

Overlay:

ive H.264 Settings AGC Overlay	Motion			
Overlay				
Overlay			4	
Enable video overlay				
Show date and time				
Show device name				
Show device location				
Additional overlay text				

•	Additional overlay text	Display additional text
•	Show device location	Display the location of the Robin (change the loca- tion in -System-Device-)
•	Show device name	Display the device name (change the device name in -System-Device-)
•	Show date and time	Display the date and time
•	Enable video overlay	Enable or disable the video overlay function



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5.2.3.5 Video / Motion

Motion allows you to select parts of the video image where you want movement to be detected.

Detection of movement can trigger 'Actions' such as an acoustic signal, switching a built-in relay or initiating a call to a telephone. The actions are set in -System-Events-.

Use the mouse to select an area in the image. Draw a frame in the video image and enlarge/reduce it by dragging the top left and bottom right corners. The red cross at the top removes the selection frame.

Consider how to minimise the chance of a false alarm when selecting the zones. For example, avoid objects that move in the wind such as flags, branches on trees, etc.

Both detection sensitivity and the size of the object you want to detect can be adjusted. The graph at the bottom of the image allows you to verify whether the settings are correct.

The colour of the bars is green (= no detection) or red (= detection) The red line indicates the boundary of the detection area.





Motion detection:

Enabled	Activates Motion detection
 Sensitivity 	Increases/reduces detection sensitivity
 Object size 	Changes the size of the object to detect by the Robin

! Note: To make tuning the Motion settings easier, no 'Events' that may have been set will be activated when the -Video-Motion- window for the Robin is open. When you close the -Video-Motion- window, detection is enabled again. !

5.2.4 Network

5.2.4.1 Network / Status

Network status shows the current network information.

Network status:

Status Settings HTTP Mail NAT RTSP Interface eth0 Interface eth0 MAC padress 00:1d32-3385/e IP Adress 10:00.188 Netweak 225:225:250.0 Default gateway 10:00.11 Prima primeserver 0.8.4.4 E Linkstate 100 Mbps full-duplex	ROBIN Telephony Audio Video N	Robin SmartView SIP 5MP IP Keypad	ventor 36.3 Logged in as 'admin' (logout)
Network status These are the actual addresses currently assigned to the LAN interface Interface eth0 MAC address 001/10/23/385/6 IP Address 100.0.188 Netmask 2256.255.50 Obfault gateway 100.0.1 Primary nameserver 8.8.4.4 Secondary nameserver 8.8.4.4 Linkstate 100 Mbps full-tuplex.	Status Settings HTTP Ma	I NAT RTSP	
Network status These are the actual addresses currently assigned to the LAN Interface Interface ethol MAC address 00:1d:02:43:85/6 IP Address 10:1d:02:43:85/6 IP Address 10:0.0.188 Netmask 255:255:255.0 Implementary 10:0.0.1 Primary nameserver 10:0.0.254 Secondary nameserver 8.8.4.4 Linkstate 100 Mbps full-duplex			
These are the actual addresses currently assigned to the LAN interface Interface eth0 MAC address 00:16/02/43/85/n IP Address 10:0.178 Netmask 255.255/250 Default gateway 10:0.254 Primary nameserver 10:8.8.4 Secondary nameserver 8:8.4.4 Linkstate 100 Mitops full-duplex	Network status		
Interface eth0 MAC address 00.11d2/243.85 fa IP Address 10.0.118 Nemask 255.255.0 Default gateway 10.0.1 Primary namesever 0.0.254 Secondary namesever 8.8.4.4 Linkstate 100 Mbps full-duplex	These are the actual addresses	currently assigned to the LAN interface	
Interface eth0 IMAC address 00.11d02-43.85.56 IP Address 10.0.188 Netmask 255.255.50.5 Default gateway 10.0.0.1 Primary nameserver 10.0.254. Secondary nameserver 8.8.4.4 Linkstate 100 Mbps full-duplex			
MAC address 00:14024385fe IP Address 10:0.188 Netmask 255.255.255.0 Default gateway 10:0.0.1 Primary nameserver 10:0.254 Secondary nameserver 8:8:4.4 Linkstate 100 Mbps full-tuplex	Interface	eth0	
IP Address 10.0.188 Netmask 255250 Default gateway 10.0.1 Primary nameserver 10.0.254 Secondary nameserver 8.8.4.4 Linkstate 100 Mbps full-duplex	MAC address	00:1d:02:43:85:fe	
Netmask 255.256.256.0 Default galeway 10.0.1 Printary nameserver 10.0.254 Secondary nameserver 8.8.4 Linkstate 100 Mops full-duplex	IP Address	10.0.0.188	
■ Default gateway 10.0.0.1 ■ Primary nameserver 10.0.254 ■ Secondary nameserver 8.8.4 ■ Linkstate 100 Mbps full-duplex	Netmask	255.255.255.0	
Primary nameserver 10.0.0.254 Secondary nameserver 8.8.4.4 Linkstate 100 Mops full-duplex	Default gateway	10.0.0.1	
Secondary nameserver 8.8.4.4 Linkstate 100 Mbps full-duplex	Primary nameserver	10.0.254	
Linkstate 100 Mbps full-duplex	Secondary nameserver	8.8.4.4	
	Linkstate	100 Mbps full-duplex	



Interface	Shows the network interface that is used
 MAC address 	Shows the Robins MAC address
IP address	Shows the IP address of the Robin
 IP netmask 	Shows the IP netmask
 Default gateway 	Shows the IP address for the default gateway
Primary nameserver	Shows the IP address for the primary DNS
 Secondary name- server 	Shows the IP address for the secondary DNS
 Linkstate 	Shows the speed and status of the Ethernet link

5.2.4.2 Network / Settings

Allows you to change the network settings of the intercom.

RJB	Robin SmartView		version dev-4467 Logged in as 'admin' (logout)
Telephony Audio Vide	o Network System		
Status Settings HTT	P Mail NAT RTSP		
Configuration			
Configuration methods	DHCP \$		
Apply sattings			
Pipiny accurga			
Security			
Enable 802.1x aut	hentication		
Apply settings			
Settings	192 168 160 59		
 IP Address Netmask 	255.255.255.0		
 Default gateway 	192.168.160.1		
		© Copyright 2009-2013 Robin Telecom	



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Configuration:

Configuration method	Select automatic (DHCP) or manual.
 IP address 	Enter the IP address for the Robin
 Netmask 	Enter the IP netmask
 Default gateway 	Enter the gateway or router address
 Primary name server 	Enter the IP address for the primary DNS
 Secondary name server 	Enter the IP address for a secondary DNS

Security:

 Enable 802.1x au- thentication 	Enable 802.1x authentication
 Status 	Displays the 802.1x status
 Authentication type 	Select the type of authentication; MD5, PEAP, TLS
 Identity 	Enter your identity
 Password 	Enter your password
CA certificate	Select the CA certificate (PEAP and TLS only)
 Supplicant certificate 	Select the supplicant / client certificate (TLS only)

Settings:

•	IP address	Shows the IP address
-	IP netmask	Shows the standard IP netmask
-	Default gateway	Shows the IP address for the default gateway



С



RJBIN	versa Logged in as 'admin'
TELECOM DEVELOPMENT Telenhony Audio Video Network System	
Status Settings HTTP Mail NAT RTSP	
Proxy	
Enable HTTP proxy	
Apply settings	
Settings	
HTTP port 80	
HTTPS port 443	
HTTPS port HTTPS port Certificate	
HTTPS port 443 Certificate Apply settings	

Proxy:

Set the HTTP Proxy server.

•	Enable HTTP proxy	Activates the use of an HTTP proxy server
•	Proxy server address	Enter the IP address or hostname for the proxy server
•	Proxy server port	The IP port used by the proxy server for communica- tion

Settings:

•	HTTP port	Set the IP port for HTTP communication. (default value is 80)
•	HTTPS port	Set the IP port for HTTPS communication. (default value is 443)
•	Certificate	Optional - Select a certificate for the HTTPS connec- tion



5.2.4.4 Network / Mail

Configure the e-mail settings for the Robin.

ROBIN Robin SmartView	version Logged in as 'admin' (lo
elephony Audio Video Network System	
status Settings HTTP Mail NAT RTSP	
Server settings	
From address	
Mail server mail.provider.com	
Encryption None \$	
Auth	
Submission	
Apply pattings	
statul aconda	
Address book	
🖶 Add Recipient	
The Address book is currently empty	
Mail server test	
Tact SMTP conver	
- SMIP lest result	
Apply settings	
© Copyright 2009-2013 Robin Teleco	om

Server settings:

The green '+' creates a new line. The '>>' behind a line opens the details for this line. The red X behind a line deletes the line from the list.

From address	Set the from e-mail address of the Robin
 Mail server 	Enter the e-mail server address or hostname
Encryption	Select a encryption method (none, SSL, TLS)
 Auth 	Select this option if mail server authentication is required
 Submission 	Select this option if the mail server uses the 'Submis- sion' protocol

Address book:

The green '+' creates a new line. The '>>' behind a line opens the details for this line. The red X behind a line deletes the line from the list.

 Name 	The name that is associated with this e-mail address
 Address 	The e-mail address



Mail server test:

Configuration

Tests the connection with the configured e-mail server.

•	То	Enter a recipient address for the test e-mail message
-	Test SMTP server	Initiates the test e-mail message
•	SMTP test result	Shows the test result

5.2.4.5 Network / NAT

Depending on the network configuration, you may need to enable NAT.

ROBIN ProLine SIP 5 MP IP camera (WideAngle) - 1 Button Logged in as 'admin'		
Telephony Audio Video Network System		
Status Settings HTTP Mail NAT RTSP		
Settings		
Nat enabled		
Apply settings		
ROBIN ProLine S	P 5 MP IP camera (WideAngle) - 1 Button	vention 3.6.9 Logged in as 'admin' (logout)
Telephony Audio Video Network System	P 5 MP IP camera (WideAngle) - 1 Button	venus 343 Logged in as 'admin' (logoul)
Telephony Audio Video Network System Status Settings HTTP Mail NAT RTSP	P 5 MP IP camera (WideAngle) - 1 Button	unnes 8.9 Logged in as 'admin' (logout)
Telephony Audio Video Network System Status Settings HTTP Mail NAT RTSP Settings • Nationabled	P 5 MP IP camera (WideAngle) - 1 Button	wees 38.9 Logged in as 'admin' (logoul)
ProLine S ProLine S ProLine S Status Settings HTTP Mail NAT RTSP Settings Automatical Nationation Nationation Nationation	P 5 MP IP camera (WideAngle) - 1 Button	unno 3.5 Logged in as 'admin' (logout)
ProLine S Telephory Audio Video Network System Status Settings HTTP Mail NAT RTSP Settings Settings Nat enabled NAT hostname NAT hostname	P 5 MP IP camera (WideAngle) - 1 Button	unnes 3.5 Logged in as 'admin' (logout)
ProLine S Telephony Audio Video Network System Status Settings HTTP Mail NAT RTSP Settings Nat nabled NAT hostname NAT pot Use STUN for NAT address discovery	P 5 MP IP camera (WideAngle) - 1 Button	wees 38.9 Logged in as 'admin' (logout)
ProLine S Telephony Audio Video Network System Status Settings HTTP Mail NAT RTSP Settings Nat enabled Nat hostname Nat pot Uses STUN for NAT address discovery Uses STUN for NAT address discovery	P 5 MP IP camera (WideAngle) - 1 Button	unio 143 Logged in as 'admin' (logoul)

Settings:

•	NAT enabled	Enable the use of NAT
•	NAT hostname	Enter the IP address or the hostname for NAT usage
•	NAT port	Enter the port for NAT usage
•	Use STUN for NAT address discovery	Activate this option if a STUN server is used for dis- covery of the WAN IP address
•	Use inband STUN for NAT address discov- ery	Activate this option if inband STUN is used for discovery of the WAN IP-address and the connection port to use with NAT. Inband STUN uses the Outbound proxy host as source





 Stun server 	The STUN server that will be used to retrieve the WAN IP-address (default STUN server: stun.xten. com)
 Stun port 	The connection port of the STUN server (default: 3478)
 Stun status 	Displays the status of the STUN request and the retrieved WAN IP-address

Use inband STUN for NAT address discovery



 Inband stun server 	The STUN server that will be used. The Outbound proxy host will be used as source
 Stun port 	The connection port of the STUN server (5060)
 Stun status 	Displays the status of the STUN request



5.2.4.6 Network / RTSP

The Robin is able to stream the video and audio through RTSP. Most video management software (VMS) solutions use the RTSP standard*. The Robin uses H.264 for video and G.711 uLaw for audio.

! Note: The Robin uses the RTP over RTSP (TCP) standard. Not every VMS solution supports audio over RTSP. *!*



For more information regarding RTSP support of the Robin in combination with VMS solutions see the document: How-To_RTSP_ENG.pdf on the supplied USB drive. You can also download this document on our support-site: http://support.robintele.com



Settings:

Γ

-	Enable RTSP server	Enable RTSP support
•	RTSP port	Change the RTSP port (default 554)
•	Require authentication	Use RTSP authentication
•	Username	RTSP username
•	Password	RTSP password (needs to be defined)
•	Allow Multicast	Enable Multicast*
•	Multicast address	Set the multicast address
-	Enable keep alive	Enable RTSP 'keep alive'
-	Keep Alive Timeout	Set the keep alive timeout
DS	CP class	The DSCP class is used for Quality of Service.
•	RTSP DSCP Class	Select the DSCP class for all SIP traffic
-	Audio RTP DSCP Class	Select the DSCP class for RTP audio
• `	Video RTP DSCP Class	Select the DSCP class for RTP video

* Multicast will reduce the load on the network and the intercom. ! Note: Not every video application supports multicast. !



5.2.5 System

5.2.5.1 System / Device

RJB	Robin SmartView	Logged in as 'admin' (Ic
Telephony Audio Vide Device Clock Events	o Network System Security Recording Schedules Software Streams Switch Info Debug Logs	
Info		
 Product Serial number Version Revision number 	Robin SmartView SIP 5MP IP Camera 1 piezo 12090020 dev 4474	
Identity		
Location	Join Smartview	
Contact		
Apply settings		
Button		
Button sensitivity		
	Copyright 2009-2013 Robin Telecom	

Info:

Product	Product type
 Serial number 	Serial number
 Version 	Software version
 Revision number 	Software revision number

Identity:

•	Device name	The name entered here is passed to the SIP proto- col. This means that the name is visible, for example when a telephone has a caller ID display
•	Location	You can enter the location of the Robin here, e.g. the main entrance, loading door, barrier, etc.
•	Contact	Enter the details of the person responsible for managing the Robin

Button*:

•	Button sensitivity	Modify the sensitivity of the button(s)*
---	--------------------	--

* Not available on every Robin.



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5.2.5.2 System / Clock

Change date and time related settings for the Robin.

Telephony Audio Video	Robin SmartView	version dev-4474 Logged in as 'admin' (logout)
Device Clock Events	Security Recording Schedules Software Streams Switch Info Debug Logs	
Timezone Current time Method NTP server address NTP status Acely settings	Europei/Amstardam + 2015-07-08 09:39:05 +0200 NTP Impoints org	
	© Copyright 2009-2013 Robin Telecom	

Date and time:

Timezone	Select the right time zone	
Current time Shows the current date and time settings		
 Method 	Allows you to choose between manual or automatic (NTP) time setting	
 NTP server address 	Enter the address or name of the time server here.	
 NTP status 	Shows the status of the selected time server	
Set time	Enter the date and time here (manual setting)	

! Note: The Robin does not feature a build-in backup battery. Every time the Robin reboots both the date and time need to be set. By default it will use an NTP server to set the date and time. In case of a 'manual' setting, this has to be done by hand after every reboot. We strongly recommend the use of an NTP server.!



5.2.5.3 System / Events

The Robin is equipped with various automation options. For example, starting an outgoing telephone call to a predefined number, the sending of an e-mail containing a photo of the person using the intercom, the playback of an audio message etc.

All actions are triggered by an Event (source). An event source can be movement in front of the camera, a loud noise that exceeds a predefined volume, a push on the button of the intercom or other sources. You can select the various events sources here and set the response action that take place when an event occurs.

Event actions can be set to be time bound using the 'Schedule' mechanism of the Robin. That way an action can only start within a time slot, eg. lunch or after work hours. Definition of the schedules can be done in the menu -System-Schedules-.

Telephony Audio Video Network System	version dev-4474 Logged in as 'admin' (logout)
Device Clock Events Security Recording Schedules Software Streams Switch Info Debug Logs	
Sources	
In Add Source	
The Sources is currently empty	
Actions	
The Add Action	
The Actions is currently empty	
© Copyright 2009-2013 Robin Telecom	

Sources

Define the events:

- Audio Triggers if audio is detected (VOX detection) See menu -Audio-Detection-
- Button Triggers when a button is pushed or a preset is chosen on the Keypad (Choice: button 1, 2, 3, 4, 5, 6 or Keypad)
- **Call** Triggers when a call is set up (Choice: incoming or outgoing)
- Dtmf Triggers when a combination of two keys are pressed during a phone call, starting with a '*' followed by another key (Eg. *1, *7 etc.) (Choice: 0-9, or #)
- Http Triggers if a http call is detected (default http://<IP-ADDRESS-ROBIN> /evmgr/emit). The 'emit' part in the URL is variable and can be changed in every other word. Change this in the field: 'HTTP path'
- Kadex Triggers when a signal is detected coming from a Kadex home automation server. The Kadex event on which it needs to trigger can be set in the field: 'Event name'. As soon as this Event is set, the sub-menu 'Kadex' will be visible. Use this to fill-in the Kadex server details.
- Motion Triggers when motion is detected by the camera See menu -Video-Motion-
- Pin Triggers when a correct PIN code is detected (Robin with Keypad) See menu -Telephony-Phonebook-, Presets
- Ring Triggers when a 'ring' is detected (incoming or outgoing)



RJB	Robin SmartView	version dev-4474 Logged in as 'admin' (logout)
Telephony Audio	Network System	
Device Clock Eve	Security Recording Schedules Software Streams Switch	n Info Debug Logs
Source		
样 Delete Source		
Name		
Enable		
Active		
Source type	idio	
Min duration	itton sonds	
Apply settings	mf	
rippiy counigo	tp idex	
	otion	anurinht 2009 2013 Rohin Talacam
	one CCC	opyright 2009-2015 Robin Telecom

The green '+' creates a new 'Event' . The '>>' behind a line opens the details for this 'Event'. The red X behind a line deletes the 'Event' from the list.

 Name 	The name that is associated with this event source
 Enable 	Enable this event source
 Active 	Shows whether an event source is active
• Туре	Selects the type of event source
 Min duration 	Set the event source minimum duration. It extends the time an event is active by adding the initial time an event is active with the min duration. Eg. the Button event takes approx. $0,5$ sec. Modify the min duration to 2 sec. makes $0,5 + 2 = 2,5$ sec.



 $\left(\right)$

Actions:

Define the actions:

- **Beep** Starts playing a beep through the intercom (Choice: frequency of the beep)
- **Call** Start a phone call to the default phone number(s) (Choice: *Allow hangup* (on/off): When on, a repeated source input also disconnects the call)
- **Http** Emits a http command. (*two URLs*: one if the source becomes active and one if the source becomes inactive)
- Iqmessenger Emits a URL to the IQ Messenger system (One URL: URL of the used IQMessenger system)
- Kadex Emits an event to a Kadex home automation server. (Kadex event: Name of the in the Kadex defined event). As soon as this Action is set, the sub-menu 'Kadex' will be visible. Use this to fill-in the Kadex server details.
- Mailjpeg Send an e-mail containing a photo of the person using the intercom to a predefined e-mail address - For the Robin Keypad, see menu -Telephony-Phonebook- Presets. For the Robin with 1,2,4 or 6 buttons, see menu -Telephony-Call settings- Call priority.
- Playback Plays an audio file (*Mediafile*: choose a file, *Playback loop*: play once or play in a loop) See menu -Audio-Media-
- Recording Start a local video recording*
- Switch1 Switch the internal relay switch in the Robin SV
- Webrelay Switch a relay switch on an external relay unit from ContolByWeb; WEBRelay (Address: the IP adres of the WEBRelay Relay (1-4): the relay to switch Action (on/off/ pulse): on, off or pulse the relay switch (user selectable pulse time) Use authentication: when a password is demanded to switch the WEBRelay)**



RJE		Logged in as 'a
TELECOM DEV	Video Network System	
Device Clock Ev	ents Security Recording Schedules Software Streams Switch Info Debug Logs	
Action		
X Delete Action		
Name		
= LED		
Source type	···· \$	
Edge	Both 🕴	
Action type	✓ Beep	
Schedule	Call	
Frequency	lqmessenger	
Apply settings	Kadex Mailpeg	
rippiy counigo	None	
	Playback Becording © Conscients 2009 2013 Bobin Telesom	

The green '+' creates a new 'Action'. The '>>' behind a line opens the details for this 'Action'. The red X behind a line deletes the 'Action' from the list.

 Name 	The name that is associated with this event action	
■ Enable	Enable the event action	
• LED	Not used	
 Source type 	Selects the event source for which this event action is the response	
 Edge 	Start the event action at the beginning of the event source, the ending of the event source or on both (rising / falling / both)	
 Action type 	Selects the type of Action.	
Schedule	Select a defined schedule	

* : The recording of video on the internal SD card is only possible if the 'Recording' feature is enabled. See menu -System-Recording-. Note: The recordings are not directly available for playback! An API is available to retrieve the recordings. This API can be used for development of an App to make the recordings available for playback. See the "How-To_Remote_Control" PDF on the supplied USB stick or on the support website: support.robintele.com

** : For more information about the Robin / WEBRelay, see Tech-Note: "How-To_Robin_and_ WEBRelay" PDF on the supplied USB stick or on the support website: support.robintele.com !



5.2.5.4 System / Security

RJBIN	ocine or o write camera (wideAngle) - i button	Logged in as 'admin'
phony Audio Video Network	System	
ice Clock Events Security F	ecording Schedules Software Streams Switch Info Debug Logs	
Authentication		
Require authentication	admin	
Admin osername		
Confirm password		
Lieer enabled		
	User	
 User password 		
Confirm password		
 User account locked 		
 User can control door opener 		
 Allow HTTP access only from LAN 	0	
Annhy sattings		
septil accords		
Authentication tokens		
Add Token		
he Tokens is currently empty		
Certificates		
Add SSL certificate		
he SSI certificates is currently empty		
no obe control to currently empty		
Access control		
Enchie ADI interferes		

Authentication:

•	Require Authentication	Disable secure access to the web interface <i>! Note:</i> Disabling Authentication is not recommended. <i>!</i>	
•	Admin username	The Administrator username. (admin)	
•	Admin password	Change the default password of the Administrator (default: 123qwe)	
•	User enabled	Activate the User (disabled by default)	
•	User username	The User username. (user)	
•	User password	Change the default password of the User (has to be defined)	
•	User account locked	When enabled, the User can only login during a period of one hour after a call is made by the intercom.	
•	User can control door opener	Displays three buttons below the Live video frame (menu -Video-Live-) to control the built-in relay switch	
•	Allow HTTP access only from LAN	Increases the security of the Robin. Access to the WEB interface is only allowed from the same network as the Robin. <i>! Note: Disabling this feature is not recommended. !</i>	



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Authentication Tokens:

Authentication Tokens can be used instead of the username and password when controlling the Robin via its API. See manual: 'How-To_The_Robin_API_3.x.x.pdf' for more information.

ROBIN Robin SmartView SIP 5MP IP Keypad	version 3.8.3 Logged in as 'admin' (logout)
uevoo ulook Events secumty Hecotoling Schedules Sonware Sitesims Switch into Debug Logs Description K Detete Token	
Description Description E-tabled Ø Token f6b/33e572ac14a27b88470d4e0b95786 Apply wetrage F	

The green '+' creates a new line. The '>>' behind a line opens the details for this line. The red X behind a line deletes the line from the list.

•	Description	The name of the token
•	Enabled	Enable the use of this token
•	Token	Shows the generated token

Certificates:

The green '+' creates a new line. The '>>' behind a line opens the details for this line. The red X behind a line deletes the line from the list.

Common name	The name of the certificate
Certificate	Upload a certificate to the Robin
 Certificate info 	Shows detailed information about the certificate

Access control:

De Robin is can be controlled via an API. Leave this setting disabled when the API is not used.

 Enable API interface
--



5.2.5.5 System / Recording

The Robin is able to record video on the internal SD card. Select the option 'Recording' to activate it.



! Note: The recordings are not directly available for playback! An API is available to retrieve the recordings. This API can be used for development of an App to make the recordings available for playback. See the "How-To_The_Robin_API_3.x.x.pdf" PDF on the supplied USB stick or on the support website: support.robintele.com !

5.2.5.6 System / Schedules

The Robin has multiple functions that can be made time bound. Use this schedule menu to create timeslots: e.g. office hours, lunch break, etc. Consequently, during the lunch break for example, the Robin can be set to dial a different telephone number from that configured for normal working hours.

The timeslots are not prioritised so they must be set consecutively, e.g.:

8:30-12:29 morning -> call reception 12:30-13:00 lunch -> call a mobile phone 13:01-17:00 afternoon -> call reception

Device Clock Events Security Recording Schedules Software Streams Switch Info Debug Logs	
Schedules	
The Schedules is currently empty	
© Copyright 2009-2013 Robin Telecom	

•	Description	The name that is associated with this Schedule
•	Day	Select the day / days for this schedule
•	From	Start time
•	То	End time



5.2.5.7 System / Software

New software versions for the Robin are released regularly. These versions include improvements and often introduce new functions.

Updating is a two-stage process; the first step is to check whether new software is available. If so, you can initiate the upgrade to the latest version.

After the upgrade, the Robin has to reboot.

Telephony Audio Video Network System Device Clock Events Security Recording Schedules Software Streams Switch Info Debug Logs Backup Backup Backup Upload download (2.5 kb) Recordentiation Bestart application Record application Record application Record application Record application defaults Coverently running version devi-44714 Currently installed version devi-44714 C	ROBIN Robin SmartView	version dev-4474 Logged in as 'admin' (logout)
Device Clock Events Security Recording Schedules Software Streams Switch Info Debug Logs Backup Backup Backup Backup	Telephony Audio Video Network System	
Backup Backup configuration upload download (2.5 kb) More same Tools Restart application Restore application defaults Restore application defaults Restore application defaults Restore application defaults Currently running version Updates Upload Upload Upload Upload Upload Upload	Device Clock Events Security Recording Schedules Software Streams Switch Info Debug Logs	
Backup B		
Backup configuration upload download (2.5 kb) Approximate Tools Restart application Restart application Restart application Restart application Restart application defaults Restore app	Backup	
Apply sering: Tools Restore application Restore application defaults Restore application defaults Apply sering: Updates Currently running versions Outrently running version Update to latest versions Update to latest version Wodules (0)	Backup configuration upload download (2.5 kb)	
Tools Restart application Restart applicatio		
Tools Restart application Restart application Restore application defaults Restore application defaults Restore application defaults Moder series Updates Check for new software versions Ourrently running version dov+4474 Upgrade to latest version Upgrade to latest version Wordstes(t) Vulplade Upgrade to latest version Upload Upload	Appy sounds	
Restart application Restart application Restart application Restore application defaults Restore application de	Tools	
Reboot device Reboot device Reboot device Reboot defaults Restore application defaults Restore applic	Restart application Restart application	
Restore application defaults Rest	Reboot device Reboot device	
Apply settings Updates Check for new software versions Check for new software versions Currently running version dev+4474 Currently installed version dev+4474 Upgrade to latest version Versions Upload Upload Upload Versions Ver	Restore application defaults Restore application defaults	
Updates Check for new software versions Check for new software versions Currently running version dev+4474 Currently installed version dev+4474 Upgrade to latest version Upg		
Updates Check for new software versions Check for new software versions Check for new software versions Currently installed version dev-4474 Upgrade to latest version Upgrade to latest version Version Versions Upload	Appy settings	
Check for new software versions Check for new software versions Currently running version Currently running version dev+4474 Currently installed version dev+4474 Upgrade to latest version Upgrade to	Updates	
Currently running version dev+4474 Currently running version dev+4474 Upgrade to latest version dev+4474 Upgrade to latest version Upgrade to latest version Upgrade to latest version Upload Upload Upload Upload Upload Version	Check for new software versions Check for new software versions	
Currently installed version dev+4474 Currently installed version dev+4474 Upgrade to latest version Upgrade to latest version Modules (0) * Kopt setting Upload Upload Upload Upload Upload Version V	Currently running version dev+4474	
Upgrade to latest version Upgrade to latest	Currently installed version dev+4474	
Image: Second	Upgrade to latest version Upgrade to latest version	
Apply settings Upload Upload status Idle Firmware upload upload	🍄 Modules (0) »	
Upload Upload status Idle Firmware upload upload Upload	Apply settions	
Upload = Upload status Idle = Firmware upload upload		
Upload status Idle Firmware upload upload	Upload	
Firmware upload upload	Upload status Idle	
Andra settion	Firmware upload upload	
	Apply satisfies	

Backup:

	Backup configuration	You can make a backup of the settings using the 'Download' button. A file called 'Backupsettings.txt' is downloaded to the PC
		You can restore a backup to the Robin using the 'Up- load' button. First, you select a backup file that was created earlier. After restoring the backup, the Robin must be rebooted



Tools:

-	Restart Robin appli- cation	Starts the Robin software up again. This is faster than rebooting the device
•	Reboot device	Reboots the complete device. It may take 30 seconds before the Robin is active again
•	Restore application defaults	Restores the default settings for the Robin

Updates:

-	Check for new soft- ware versions	Checks whether new software is available
•	Currently running ver- sion	Shows the current software version
•	Currently installed version	Shows the software version that has already been installed
•	Upgrade to latest ver- sion	Downloads the latest version of the software and installs it on the Robin

! Note: Internet access for the Robin is necessary to update the software of the Robin. !

5.2.5.8 System / Streams

The 'Streams' menu shows all active video streams.

Telephony Audio Video Network System	version dev-4474 Logged in as 'admin' (logout)
Device Clock Events Security Recording Schedules Software Streams Switch Info Debug Logs	
The stream list is currently empty © Copyright 2009-2013 Robin Telecom	

! Note: Not more then 3 simultaneous video streams are recommended. If more streams are active, functioning of the intercom might become disturbed. !



5.2.5.9 System / Switch

The Robin has a built-in voltage free relay contact. It can be used to open a door or a gate. When a connection has been established between the Robin and a telephone handset, the relay switch can be operated via key combinations on the telephone.

For examples on how to connect the Robin to an electronic door lock, see: *'Appendix B, Electronic lock'*.

ROBIN Telephony Audio Video Networ	Robin SmartView	version dev-4474 Logged in as 'admin' (logout)
Device Clock Events Security	Recording Schedules Software Streams Switch Info Debug Logs	
Control State Close Close Cose Open Open Pulse Pulse		
Settings		
To open	88	
To keep open	90	
To close	91	
Pulse time	4	
Play sound		
 Hangup after opening Observations of the base of the		
 Close door after hanging up Lobel for 'pulse' action 		
 Label for 'on' action 	Deen	
 Label for 'off' action 	Close	
Apply settings		
	Ccopyright 2009-2013 Robin Telecom	

Control:

•	State	Displays the status of the relay switch (open / close)
•	Close	Deactivate the switch
-	Open	Activate the switch
•	Pulse	Activate and automatically deactivate the switch after a predefined time



Configuration

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		For the actions: to open, to keep open and to close the keys 0 9, * and # can be used
•	To open	The relay switch opens and closes again after a set time (Pulse time). The default key combination for this is '##'
•	To keep open	The relay switch stays open, independently of the set time
•	To close	The relay switch closes
•	Pulse time	Set the time that the relay switch stays open (dura- tion min. 1 second and max. 30 seconds)
-	Play sound	Plays a tune when the relay switch is active
•	Hangup after opening	Breaks the connection after activating the relay switch
•	Close door after hang- ing up	Close the relay switch after the phone is discon- nected
•	Label for 'pulse' ac- tion	Change the display name for 'Pulse'
-	Label for 'on' action	Change the display name for 'On'
-	Label for 'off' action	Change the display name for 'Off'

! Note: The labels 'Pulse', 'On' en 'Off' will be visible under the live video image (-Video-Live-). The option 'User can control door opener' needs to be enabled (-System-Security-). !



5.2.5.10 System / Info

Info displays detailed information about the Robin.

ROBIN ROBIN ROBINS		
evice Clock Events	Security Recording Schedules Software Streams Switch Info Debug Logs	
Advanced		
Product	Robin SmartView SIP 5MP IP Camera 1 piezo	
Device id	78c34f78-ccb9-11e4-990d-000c29f5ffa0	
Serial number	12090020	
Version	dev	
Revision number	4474	
Uptime	0 days, 17:55:26	
Load average	0.03	
	O° 0	
Temperature		
 Temperature CPU Speed 	600 MHz	
 Temperature CPU Speed System clock time 	600 MHz 2015-07-08 09:40:43 +0200	

Advanced:

•	Product	Shows the product type
•	Device	Shows the device ID
•	Serial number	Shows the serial number
•	Version	Shows the software version
•	Revision number	Shows the software revision number
•	Uptime	Shows the time that the Robin is switched on
•	Load average	Shows the average processor load (UNIX style)
•	Temperature	Shows the temperature in the Robin
•	CPU speed	Shows the current processor speed
•	System clock time	Shows the system time
•	Runs	Shows the amount of runs



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5.2.5.11 System / Debug

The Robin features a built-in 'Debug' function. This allows you to create a 'Network trace' of all the network traffic to and from the Robin. This tool allows for a fast and effective resolution of problems with the Robin.

The 'Go to Robin' function enables remote support to the unit. It connects the unit to Robin Telecom Development and can be used for remote support.

! Note: Go to Robin will only work after contacting the support department of Robin Telecom Development. !

R7BII	Robin SmartView	version dev-4474 Logged in as 'admin' (logout)
Telephony Audio Video	Network System	
Device Clock Events Se	acurity Recording Schedules Software Streams Switch Info Debug Logs	
Trace		
Network sniffer engine configu	ration	
status	idle	
Interface name	ethO	
Default sniffer duration	60	
PCAP filter line		
Start	Start	
Stop	Stop	
Apply settings		
Go to Robin		
Connect Connect		
 Status idle 		
Message		
	© Copyright 2009-2013 Robin Telecom	

Trace:

-	Status	Shows the status of the trace
•	Interface name	The interface for which the trace is created
•	Default sniffer dura- tion	Set the standard duration of the trace. The trace will stop automatically
•	PCAP filter line	The trace is can be filtered to contain only relevant network data
•	Start	Start the trace
-	Stop	Stop the trace



Go to Robin:

Connect	Connect to 'Go to Robin'
Status	Display the connection status of 'Go to Robin'
 Message 	Information regarding the 'Go to Robin' connection

С


5.2.5.12 System / Logs

The Robin registers all events that occur. These are logged in a log file.

	artView	version dev-4414 Logged in as 'admin' (logout)
TELECON DEVELOPMENT		
Telephony Audio Video Network System		
Device Clock Events Security Recording	shadulas Software Streams Switch Info Debug Logs	
Device Clock Events Occurry Recording to	contrare offering owner into bedag Loga	
Log settings		
Max lines to keep in log 500 lines		
Download Download		
Apply settings		
Application log		
Timestamp Log level Class	lessage	
2015-07-07 19:29:35 +0200 inf udp	ending retry UDP sip to : 10.0.0.99:5060	
2015-07-07 15:46:43 +0200 inf misc	utoIP starting	
2015-07-07 15:45:45 +0200 inf misc	fount tmpfs 25M at ./var/vbdt//hissegmenter	
2015-07-07 15:45:45 +0200 inf misc	OS start UDP peak: 10mbit	
1970-01-01 01:00:26 +0100 inf rtsp	tarting RTSP server on port 554	
1970-01-01 01:00:26 +0100 inf http	ITTPS server listening on port 443	
1970-01-01 01:00:26 +0100 inf http	ITTP server listening on port 80	
1970-01-01 01:00:26 +0100 inf leaf	tartup done in 9215 msec	
1970-01-01 01:00:26 +0100 inf vbdt	bisable MCS phonebook	
1970-01-01 01:00:25 +0100 inf patchbox	b: [in_v4]] Started V4L driver: 960x720@15	
1970-01-01 01:00:24 +0100 inf sysinfo	Device "Robin SmartView" at ""	
1970-01-01 01:00:24 +0100 inf sysinfo	Robin SmartView SIP 5MP IP Camera 1 piezo vdev r4474 (Jul. 7 2015	15:40:28) production mode
1970-01-01 01:00:22 +0100 inf db	atabase version dev-4473 does not match software version dev-447	a probably upgraded
1970-01-01 01:00:22 +0100 inf hostphone	lisable FC	I bronenit abdranoa
1970-01-01 01:00:19 +0100 inf variant	troduct: C02050 Robin SmartView SIP 5MP IP Camera 1 niezo	
	rouge of the state	

Log settings:

•	Max lines to keep in log	The number of log file lines that are stored
-	Download	Download the log file to the PC

Application log:

Timestamp	Time stamp for the log entry
 Log level 	The log entry classification
 Class 	The software component in the Robin that led to genera- tion of the entry
 Message 	The actual log message



6 Support

For details of special settings, requests for support and FAQs, please use our 'online' support page: http://support.robintele.com



6



Appendix A, List of key words

Default setting: Standard programme setting.

DHCP:

'Dynamic Host Configuration Protocol'.

Computer protocol that describes how a computer can obtain its network settings from a DHCP server.

DNS:

'Dynamic Name System'. Protocol for managing domain names and IP addresses on the Internet.

DNS server:

This is the system that compares all the domain names and IP addresses in a database with each other and links them with the aid of a DNS server.

End-to-end:

The 'end-to-end' principle is one of the core principles of the Internet and is reflected in the design of the underlying methods and protocols of the 'Internet Protocol Suite.'

The principle is based on definition of the communication protocol actions in such a way that they take place at the 'end points' of a communication system, or as close as possible to the source that is to be verified.

Gateway:

A 'gateway' is a network point that acts as a "door" to a network other than the local network.

GUI:

'Graphical User Interface'.

The graphical user environment is a tool for interacting with a computer that uses graphical images and text.

HTTP:

'Hypertext Transfer Protocol'.

http is the protocol for communication between a web client (generally a web browser) and a web server. This protocol is not just commonly used on the World Wide Web, it is also used in local networks (which we call an intranet).

IP:

'Internet Protocol'.

This is the part of the system that is used to allow computer networks to communicate with each other via other networks, such as the Internet.



LAN:

'Local area network'.

Local area network of two or more computers that are connected with each other, either directly or via a shared medium.

MAC (address):

'Media Access Control'.

The MAC address is a unique identification number that is allocated to a device in an Ethernet network.

Hardware address is another name for the MAC address. It ensure that the devices in an Ethernet network can communicate with each other.

Midspan (PoE):

A Midspan (PoE) is a device that injects power over a standard Ethernet connection.

NAT:

'Network Address Translation'.

Network Address Translation, for which the terms Network masquerading or IP-masquerading are also used, is the translation of IP addresses and often also TCP/UDP port numbers from one separated range to another. Often used to allow multiple users of a home network to access internet via a single IP address.

Netmask:

Binary number that is used to create a subnet.

NTP:

'Network Time Protocol'. A protocol that is used by the time server.

PBX:

'Private Branch Exchange'. Abbreviation used for a business telephone exchange for private use.

PoE:

Power over Ethernet.

A system for delivering power and data via an Ethernet network.

Proxy server:

A proxy server is one that is located between a user's computer and the computer where the information the user wants is stored.



SIP:

SIP: Sossion Ini

'Session Initiation Protocol'.

A protocol that makes multimedia communication (audio, video and other data communication) possible and used among other things for the Voice over Internet Protocol (VoIP).

STUN:

'Session Traversal Utilities for NAT'. 'STUN' is a protocol or tool that is used when applying NAT.

Time server:

A 'time server' is a network computer, which reads the time from a clock that has been allocated to it and transfers this information to other computers that use the same network.

VoIP:

'Voice over Internet Protocol'.

A protocol that uses the Internet or another IP network to transport speech.

Web GUI:

A web browser-supported graphical user environment (see also GUI).



Appendix B, Electronic lock

The Robin has a built-in voltage-free relay contact. The Robin is not able to power a electronic lock, a power supply is required.

There are many different electronic locks on the market. We advise to use the prescribed method of the electronic lock manufacturer to connect the Robin.

This Appendix shows two common ways to connect the Robin to the electronic door lock. That doesn't mean that these two options are the only options possible!

Basic electronic door lock with power supply:



Electronic door lock with input contact on the control box:



! Note: The relay switch of the Robin doesn't supply power for the electronic lock! Make sure that the switched voltage does not exceed 24V and the switched power is max. 18W. !

