

Color Video Camera

彩色摄像机

Operating Instructions

Before operating the unit, please read this manual thoroughly and retain it for future reference.

使用说明书

使用本机之前，请先通读本说明书，并妥善保存以备将来参考。

DynaView

SSC-ET365P/ET185P

English

WARNING

To reduce a risk of fire or electric shock, do not expose this product to rain or moisture.

To avoid electrical shock, do not open the cabinet. Refer servicing to qualified personnel only.

Features

The SSC-ET365P/ET185P is a color video camera equipped with a 1/4-type CCD and zoom lens. It has the following features:

- High-quality video camera employing Exwave HAD™*
- Zoom ratio up to:
SSC-ET365P: 36 × optical zoom and 12 × digital zoom allows up to 432 × zooming.
SSC-ET185P: 18 × optical zoom and 12 × digital zoom allows up to 216 × zooming.
- High sensitivity of minimum illumination of:
SSC-ET365P: 1.4 lx (color mode)
SSC-ET185P: 0.7 lx (color mode)
- LINE LOCK synchronization through AC power source of 50 Hz
- 12 V DC or 24 V AC power supply system
- Alarm output
- Using DynaView™* technology with wide dynamic range (128 times wider than normal)
- DAY/NIGHT function allowing color/monochrome mode switching
- Zoom and focus adjustment using the setup button on the rear of the camera
- Zoom, focus and iris adjustment through application of external voltage
- External control via RS-485
- Easy setup using on-screen menus

* Exwave HAD™ and DynaView™ are trademarks of Sony Corporation.

Notes on Use

Power supply

The camera operates on either 12 V DC or 24 V AC power.

Operation and storage location

Avoid aiming the camera at very bright objects such as the sun or electric lights for an extended period. Avoid operating or storing the camera in the following locations.

- Extremely hot or cold places (operating temperature: 0 °C to +40 °C (32 °F to 104 °F))
- Damp or dusty places
- Where it is exposed to rain
- Where it is subject to strong vibration
- Close to generators of powerful electromagnetic radiation such as radio or TV transmitters
- Where it is subject to fluorescent light reflections
- Where it is subject to unstable (flickering, etc.) lighting conditions

Care of the unit

- Remove dust or dirt on the surface of the lens with a blower.
- Use a dry, soft cloth to clean the body. If it is very dirty, use a cloth dampened with a small quantity of neutral detergent, then wipe dry.
- Avoid using volatile solvents such as thinners, alcohol, benzene, and insecticides. They may damage the surface finish and/or impair the operation of the camera.

Other

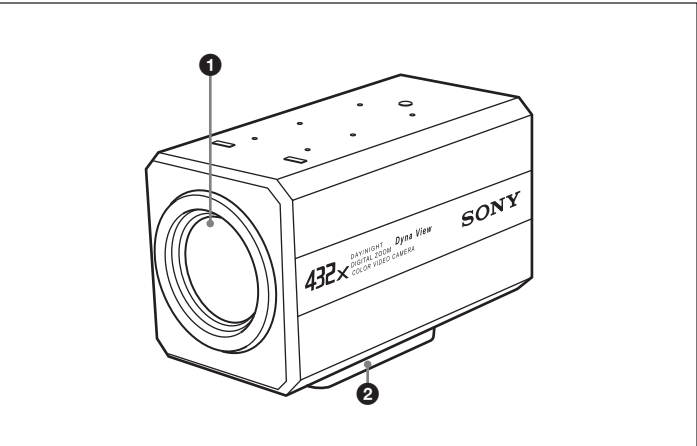
- When BLC in the EXPOSURE menu is set to ON, "hunting" may occur, that is, the image may get darker and lighter as the camera "hunts" for the optimum exposure level. If hunting occurs, set BLC to OFF.
- The focus may be less sharp under near infrared light than under visible light.

In the event of any problems with the operation of the camera, contact your Sony dealer.

Note on laser beams
Laser beams may damage a CCD. You are cautioned that the surface of a CCD should not be exposed to laser beam radiation in an environment where a laser beam device is used.

Location and Function of Parts

Top/front/right side



① Lens

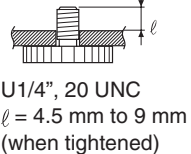
A 1/4-type zoom lens is mounted as standard equipment.

② Tripod adapter

The tripod adapter can be attached to either the top or bottom of the camera. Use this adapter when attaching the camera to a tripod.

Caution

Use the mounting screw whose length is 4.5 mm to 9 mm only. Use of other screws may cause improper mounting and damage parts inside the camera.



Rear

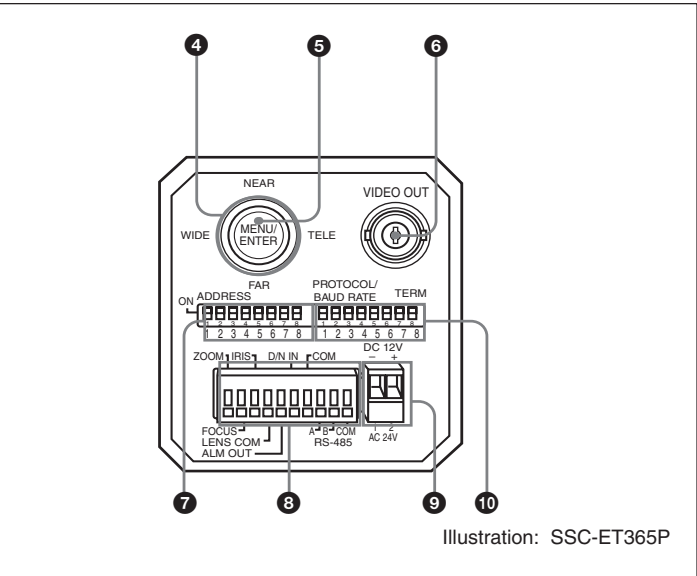


Illustration: SSC-ET365P

④ Setup button

When the menu is not displayed:
Press the ▲ NEAR or ▼ FAR end of the button to adjust the focus. Press the ◀ WIDE or ▶ TELE end to zoom out/in.

For details on use, see "Focus adjustment" and "Zooming."

When the menu is displayed:

Use this button for menu operation.

For details on use, see the supplied "Menu Operations".

⑤ MENU/ENTER button

Use this button for menu operation. Press this button to display the menu or confirm the settings.

For details on use, see the supplied "Menu Operations".

⑥ VIDEO OUT connector (BNC type)

Outputs a composite video signal.

⑦ ADDRESS switches

Specify the camera address when the camera is connected to external equipment via the I/O port with an RS-485 connection. Camera address 01 is preset at the factory.



Set switches 1 to 8 to ON or OFF to specify the camera address in the binary numeral system. The specified camera address is indicated as a hexadecimal number on the monitor screen when the power of the camera is turned on, for example, "CAMERA ADDRESS: 01HEX" (01 is the camera address in this example).

When using VISCA, always keep ADDRESS switch 8 at ON.

Setting examples for camera addresses 01 to 05

Camera address	1	2	3	4	5	6	7	8
01	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF
02	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF
03	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF
04	OFF	OFF	ON	OFF	OFF	OFF	OFF	OFF
05	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF

Note

The camera does not operate if camera address 00 is specified.

I/O port

Pin No.	Pin name	Description
1	ZOOM	Lens zoom adjustment (+12 V: TELE, -12 V: WIDE)
2	FOCUS	Focus adjustment* (+12 V: NEAR, -12 V: FAR)
3	IRIS	Iris adjustment* (+12 V: OPEN, -12 V: CLOSE)
4	LENS COM	Common to input through pins No. 1 to 3 (GND)
5	ALM OUT	Alarm output (+5 V: Alarm ON, 0 V: Alarm OFF)
6	D/N IN	DAY/NIGHT switching (+5 V: DAY (color) mode, 0 V: NIGHT (monochrome) mode)
7	COM	Common to input/output through pins No. 5, 6, 8 and 9 (GND)
8	RS-485 A	External control
9	RS-485 B	External control
10	COM	Common to input/output through pins No. 5, 6, 8 and 9 (GND)

* Adjustable only when the camera is set to manual adjustment mode.

Note

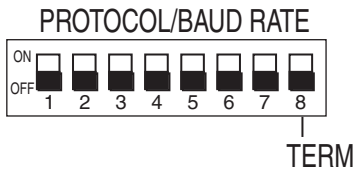
The menu cannot be displayed when ZOOM, FOCUS or IRIS of the I/O port is connected.

⑨ DC 12 V/AC 24 V (power input) terminal

Connect to a 12 V DC or 24 V AC power supply system.

⑩ PROTOCOL/BAUD RATE switches

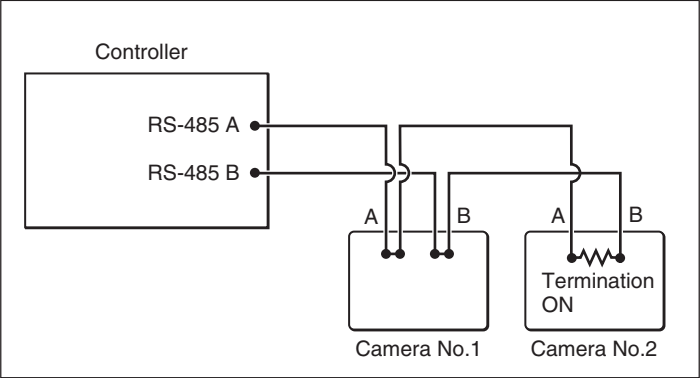
Specify the protocol, baud rate, etc. when the camera is connected to external equipment via the I/O port with an RS-485 connection.



Switch No.	Function	Switch setting
1	PROTOCOL setting	VISCA: 1: OFF, 2: OFF
2		
3		
4		
5	BAUD RATE setting	4800 bps: 3: ON, 4: ON, 5: OFF 9600 bps: 3: OFF, 4: OFF, 5: OFF 19200 bps: 3: OFF, 4: OFF, 5:
6		
7		
8		
6	RS-485	6: OFF
7	NC	—
8	RS-485 termination	Termination ON: 8: ON (120 ohms termination) Termination OFF: 8: OFF

Note

When multiple cameras are connected, set switch 8 (TERM) of the camera connected at the end to ON.



Up to seven ET365P/ET185P cameras can be connected to one controller. The data format for the RS-485 connection is the following:

RS-485 data format

Baud rate: 4800 bps/9600 bps/19200 bps/38400 bps

Data bit: 8 bits

Start bit: 1 bit

Stop bit: 1 bit/2 bit

Party: None

Communication line: 2 wires (half-duplex mode)

(continued on the reverse side)

中文

警告

为减少火灾或电击危险，请勿让本产品受到雨淋或受潮。

不要打开本机机壳，以免遭受电击。除非是本公司指定的合格技术员，否则请勿进行维修。

特点

SSC-ET365P/ET185P 是一款配备 1/4 型 CCD 与变焦镜头的彩色摄像机。它具有以下特点：

- 采用 Exwave HAD™* CCD 的高质量摄像机
- 变焦倍率高达：
SSC-ET365P：36 倍光学变焦与 12 倍数码变焦的组合使用，最高可达 432 倍变焦
SSC-ET185P：18 倍光学变焦与 12 倍数码变焦的组合使用，最高可达 216 倍变焦
- 在最小照明度下仍具有高灵敏度：
SSC-ET365P：1.4 lx（彩色模式）
SSC-ET185P：0.7 lx（彩色模式）
- 通过交流电源（50 Hz）的 LINE LOCK（线路锁定）同步功能
- 12 V DC 或 24 V AC 电源系统
- 警报输出功能
- 采用 DynaView™* 技术的宽动态范围（比普通宽 128 倍）
- 可切换彩色/黑白模式的 DAY/NIGHT 功能
- 使用摄像机背面的设定按钮调节变焦和聚焦
- 使用外部电压调节变焦、聚焦和光圈
- 通过 RS-485 进行外部控制
- 利用画面菜单进行简单设定

* Exwave HAD™ 和 DynaView™ 是 Sony Corporation 的商标。

使用须知

电源

摄像机操作需要使用 12 V DC 或 24 V AC 电源。

使用和存放场所

请避免将摄像机长时间对准太阳或电灯等强光物体。避免在以下场所使用或存放摄像机。

- 过热或过冷的地方（操作温度：0 °C 至 +40 °C）
- 潮湿或多尘的地方
- 会受雨淋的地方
- 会受强烈振动的地方
- 无线电或电视信号发射器等强电磁辐射发生器的附近
- 会受荧光灯反射的地方
- 照明条件不稳定（闪烁等）的地方

保养

- 用吹风机除去镜头表面的灰尘或污垢。
- 用柔軟的干布擦拭机体。如果非常脏，可用蘸取少量中性清洁剂的湿布擦拭，然后再擦干。
- 避免使用稀释剂、酒精、苯和杀虫剂等挥发性溶剂。否则可能会损坏表面涂层和/或使摄像机工作性能下降。

其他

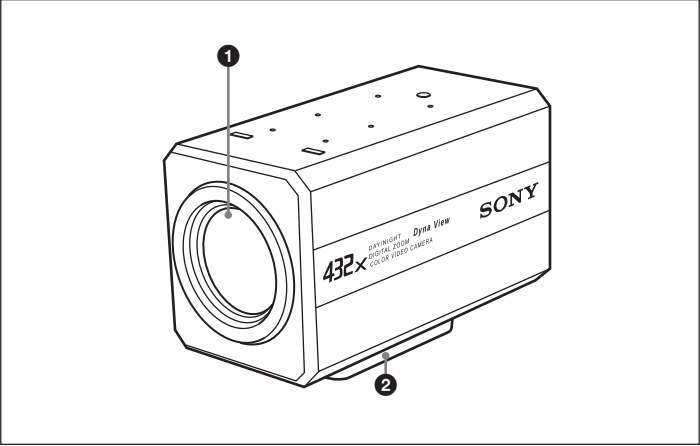
- 当 EXPOSURE 菜单中的 BLC 设定为 ON 时，可能出现“振荡”。这是因为摄像机“振荡”以设定最佳曝光等级而可能使图像变得忽明忽暗。如果发生振荡，请将 BLC 设定为 OFF。
- 在靠近红外线条件下，聚焦可能不如在可见光条件下清晰。

如果在使用摄像机时发生任何问题，请与您的 Sony 经销商联系。

激光束注意事项
激光束可能会损坏 CCD。在使用激光束设备的环境中，请小心不要使 CCD 表面受到激光束的辐射。

部件的位置和功能

顶部／前面／右侧

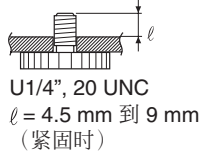


① 镜头

作为标准配置，安装 1/4 型变焦镜头。

② 三脚架转接器

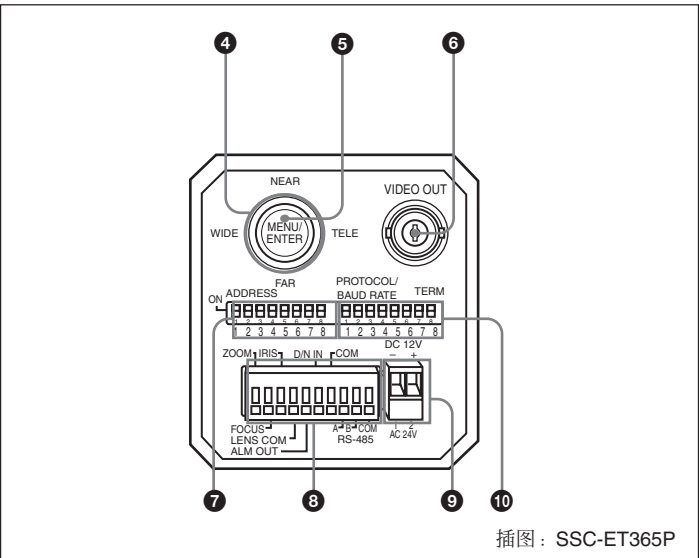
三脚架转接器可以任意安装在摄像机的顶部或底部。将摄像机安装到三脚架上时，请使用此转接器。



小心

仅限使用长度为 4.5 mm 到 9 mm 的安装螺丝。使用其他长度的螺丝可能导致无法正确安装并且损坏摄像机内的零部件。

背面



插图：SSC-ET365P

④ 设定按钮

没有显示菜单时：
按按钮的 ▲ NEAR 端或 ▼ FAR 端，调节聚焦。按 ◀ WIDE 端或 ▶ TELE 端，缩小/放大。

有关使用的详细说明，请参阅“调整聚焦”和“变焦”。

显示菜单时：

用于菜单操作。

有关使用的详细说明，请参阅附带的“菜单操作”。

⑤ MENU/ENTER 按钮

用于菜单操作。按此按钮显示菜单或确认设定。

有关使用的详细说明，请参阅附带的“菜单操作”。

⑥ VIDEO OUT 连接器（BNC 型）

输出复合视频信号。

⑦ ADDRESS 开关

当摄像机通过 I/O 端口采用 RS-485 连接连接至外部装置时，指定摄像机地址。摄像机地址在出厂时预设为 01。



将开关 1 至 8 设定为 ON 或 OFF，指定摄像机在二进制数字系统中的地址。当打开摄像机电源时，指定的摄像机地址在监视器屏幕上显示为十六进制数字。例如，“CAMERA ADDRESS: 01HEX”（本例中，摄像机地址为 01）。

使用 VISCA 时，请始终保持 ADDRESS 开关 8 处于 ON。

摄像机地址 01 至 05 的设定示例

摄像机地址	地址开关							
	1	2	3	4	5	6	7	8
01	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF
02	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF
03	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF
04	OFF	OFF	ON	OFF	OFF	OFF	OFF	OFF
05	ON	OFF	ON	OFF	OFF	OFF	OFF	OFF

注意

如果摄像机地址被指定为 00，则摄像机无法工作。

⑧ I/O 端口

针脚号	针脚名称	说明
1	ZOOM	调节镜头变焦（+12 V: TELE, -12 V: WIDE）
2	FOCUS	调节聚焦*（+12 V: NEAR, -12 V: FAR）
3	IRIS	调节光圈*（+12 V: OPEN, -12 V: CLOSE）
4	LENS COM	通过针脚号 1 至 3 共同输入（GND）
5	ALM OUT	警报输出（+5 V：警报 ON，0 V：警报 OFF）
6	D/N IN	DAY/NIGHT 开关（+5 V: DAY（彩色）模式，0 V: NIGHT（黑白）模式）
7	COM	通过针脚号 5、6、8 和 9 共同输入/输出（GND）
8	RS-485 A	外部控制
9	RS-485 B	外部控制
10	COM	通过针脚号 5、6、8 和 9 共同输入/输出（GND）

* 只有当摄像机设定为手动调节模式时才可调节。

注意

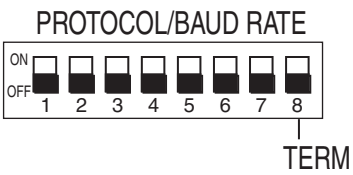
当连接了 I/O 端口的 ZOOM、FOCUS 或 IRIS 时，菜单无法显示。

⑨ DC 12 V/AC 24 V（电源输入）端子

连接至 12 V DC 或 24 V AC 电源系统。

⑩ PROTOCOL/BAUD RATE 开关

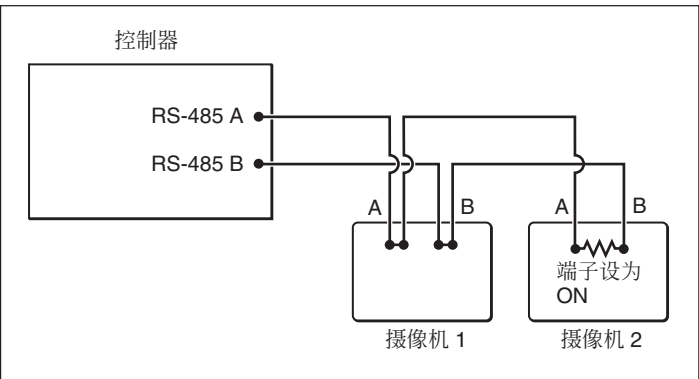
当摄像机通过 I/O 端口采用 RS-485 连接连接至外部装置时，指定协议、波特率等。



开关号	功能	开关设定
1	PROTOCOL 设定	VISCA: 1: OFF, 2: OFF
2		
3	BAUD RATE 设定	4800 bps: 3: ON, 4: ON, 5: OFF 9600 bps: 3: OFF, 4: OFF, 5: OFF 19200 bps: 3: OFF, 4: OFF, 5: ON 38400 bps: 3: ON, 4: OFF, 5: ON
4		
5		
6	RS-485	6: OFF
7	NC	—
8	RS-485 终端	终端 ON: 8: ON（120 欧姆终端） 终端 OFF: 8: OFF

注意

当连接多台摄像机时，请将端子所连摄像机的开关 8 (TERM) 设定为 ON。



一个控制器最多可连接 7 台 SSC-ET365P/ET185P 摄像机。RS-485 连接的数据格式如下所示：

RS-485 数据格式

波特率：4800 bps/9600 bps/19200 bps/38400 bps

数据位：8 比特

起始位：1 比特

停止位：1 比特/2 比特

参与者：无

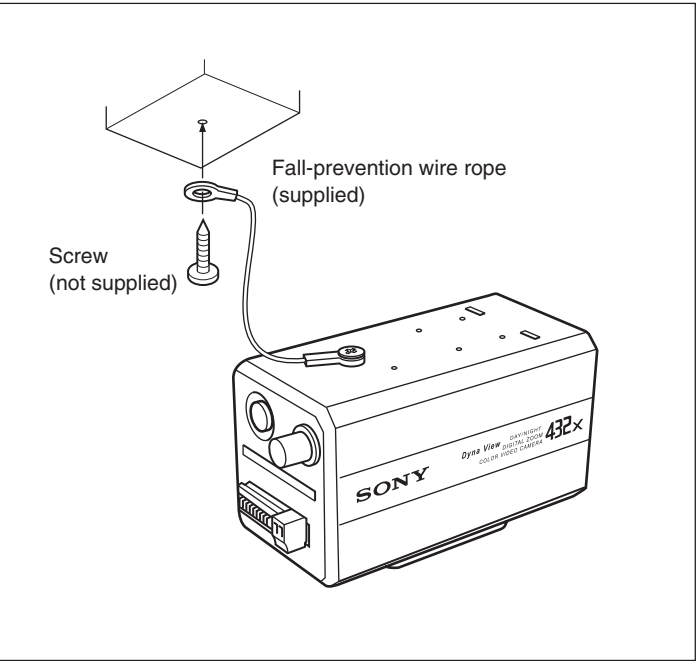
通信线路：2 根导线（半双工模式）

（接背面）

Installation

Attaching the fall-prevention wire rope

When you install the camera on a ceiling or in a high position, be sure to attach the supplied fall-prevention wire rope to prevent the camera from falling.
Fix the fall-prevention wire rope to the screw hole on the top of the camera with the supplied screw.



Connection

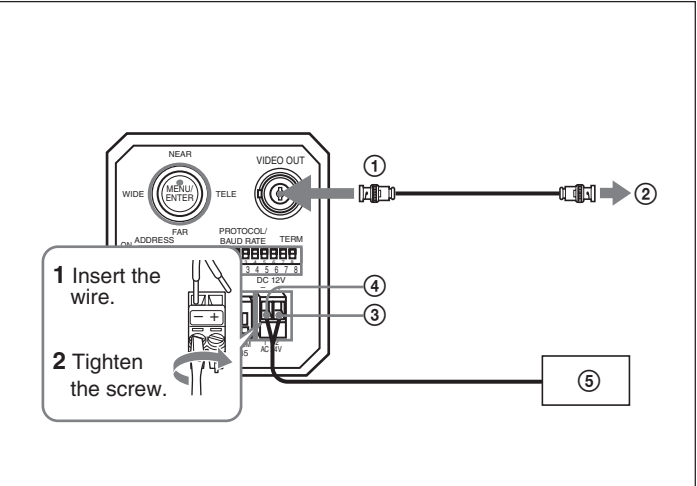
Connecting to power

The camera operates on either 12 V DC or 24 V AC power.
Connect the power input terminal on the rear to a 12 V DC or 24 V AC power source.

Note

Take care that the two core wires of the power cable do not touch each other when connecting it to the power input terminal.

Connecting example



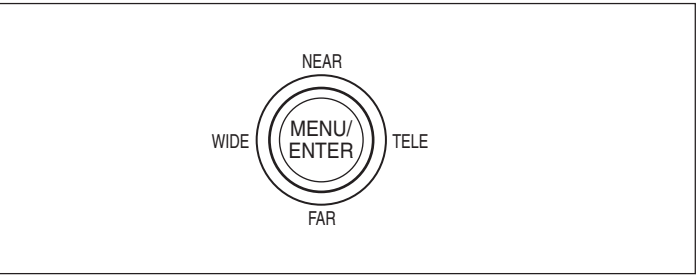
- ① 75-ohm coaxial cable
- ② Connect to the VIDEO OUT connector.
- ③ 12 V DC (+) or 24 V AC (2) terminal
- ④ 12 V DC (GND) or 24 V AC (1) terminal
- ⑤ 12 V DC or 24 V AC power source

Adjustment and Setting

For adjustments and settings, use the setup button on the rear of the camera and the menus displayed on the monitor screen.

For details on menu operation, see the supplied “Menu Operation”.

Setup button (on the rear of the camera)



Focus adjustment

Press the ▲ NEAR end of the setup button to focus on a nearer subject, or the ▼ FAR end on a farther subject.

Note

This adjustment is available when the camera is in manual mode. Select FOCUS: MANUAL in the 2.FOCUS menu.

Zooming

Press the ◀ WIDE (wide-angle) end of the setup button to zoom out, or the ▶ TELE (telephoto) end to zoom in.

CCD Characteristics

The following conditions may be observed when using a CCD camera. They are not due to any fault within the camera.

- Vertical smear: This phenomenon occurs when viewing a very bright object.
- Patterned noise: This is a fixed pattern that may appear over the entire monitor screen when the camera is operated at high temperatures.
- Jagged picture: When viewing stripes, straight lines, or similar patterns, the image on the screen may appear jagged.

Specifications

Image device	1/4 type Exwave HAD CCD
Effective picture elements	752 (horizontal) × 582 (vertical)
Signal system	PAL color system
Synchronization system	Internal, external (LINE LOCK, on 24 V AC only)
Horizontal resolution	540 TV lines
Camera lens	SSC-ET365P: Focal length: 3.4mm to122.4mm Maximum relative aperture: F1.6 Zoom: optical 36X, digital 12X Horizontal view angle: 57.8° (wide) to 1.7° (tele) Minimum object distance: 0.32m (wide) SSC-ET185P: Focal length: 4.1mm to 73.8mm Maximum relative aperture: F1.4 Zoom: optical 18X, digital 12X Horizontal view angle: 48° (wide) to 2.8° (tele) Minimum object distance: 0.29m (wide)
Minimum illumination	SSC-ET365P: 1.4 lx (TYP) (F1.6, 50 IRE, color mode) 0.01 lx (TYP) (F1.6, 50 IRE, monochrome mode) 0.8 lx (TYP) (F1.6, 30 IRE, color mode) 0.007 lx (TYP) (F1.6, 30 IRE, monochrome mode) SSC-ET185P: 0.7 lx (TYP) (F1.4, 50 IRE, color mode) 0.01 lx (TYP) (F1.4, 50 IRE, monochrome mode) 0.5 lx (TYP) (F1.4, 30 IRE, color mode) 0.007 lx (TYP) (F1.4, 30 IRE, monochrome mode)
Video output	1 Vp-p, 75 ohms, negative sync
Video S/N	50 dB
Electronic shutter	1/1, 1/2, 1/3, 1/6, 1/12, 1/25, 1/50, 1/75, 1/100, 1/120, 1/150, 1/215, 1/300, 1/425, 1/600, 1/1000, 1/1250, 1/1750, 1/2500, 1/3500, 1/6000, 1/10000 (sec.)
White balance	ATW-PRO/ATW/INDOOR/OUTDOOR/MANUAL/ONE PUSH
Power requirements	AC 24V ± 10%、50Hz DC 12V ± 10%
Power consumption	SSC-ET365P: 5.2W SSC-ET185P: 4.5W
Operating temperature	0°C to 40 °C (32 °F to 104 °F)
Operating humidity	20% to 80 %
Storage temperature	–20 °C to +60 °C (–4 °F to 140 °F)
Storage humidity	20% to 95 %
Mass	Approx. 470 g (1 lb 1 oz)
Dimensions	59.4 × 65.4 × 120 mm (w/h/d) (2 3/8 × 2 3/8 × 4 3/4 inches), not including the projecting part and tripod adapter
Supplied accessories	Fall-prevention wire rope (1) Fall-prevention wire rope fixing screw (1) Operating Instructions (1) Menu Operations (1)

Design and specifications are subject to change without notice.

Always verify that the unit is operating properly before use. SONY WILL NOT BE LIABLE FOR DAMAGES OF ANY KIND INCLUDING, BUT NOT LIMITED TO, COMPENSATION OR REIMBURSEMENT ON ACCOUNT OF THE LOSS OF PRESENT OR PROSPECTIVE PROFITS DUE TO FAILURE OF THIS UNIT, EITHER DURING THE WARRANTY PERIOD OR AFTER EXPIRATION OF THE WARRANTY, OR FOR ANY OTHER REASON WHATSOEVER.

Regular parts replacement

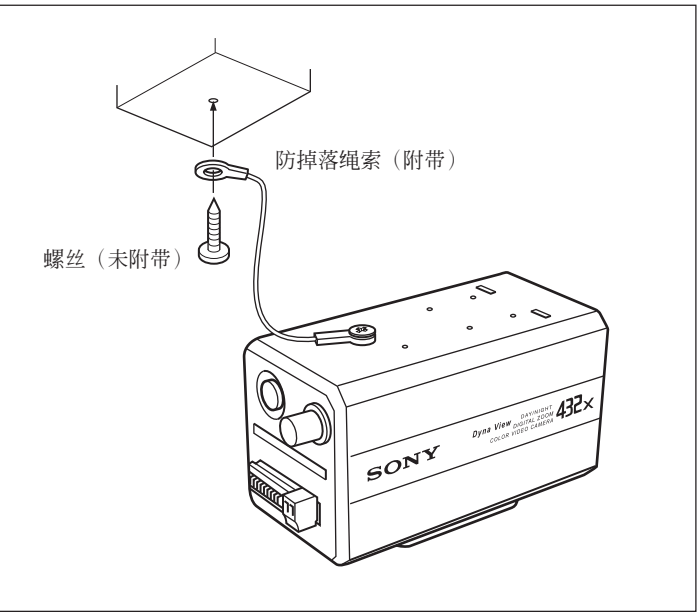
Some of the parts that make up this product (electrolytic condenser, for example) need replacing regularly depending on their life expectancies. The lives of parts differ according to the environment or condition in which this product is used and the length of time it is used, so we recommend regular checks.
Consult the dealer from whom you bought it for details.

中文

安装

安装防掉落绳索

将摄像机安装在天花板或高处时，请务必安装附带的防掉落绳索，以防止摄像机掉落。
用附带的螺丝将防掉落绳索固定在摄像机顶部的螺丝孔上。



连接

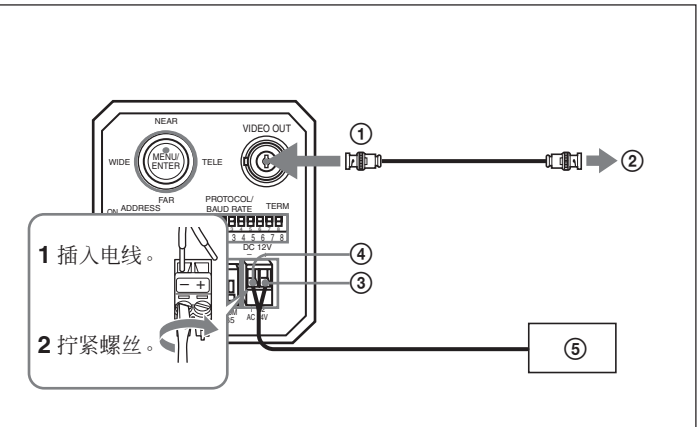
连接电源

摄像机操作需要使用 12 V DC 或 24 V AC 电源。
将背面的电源输入端子连接至 12 V DC 或 24 V AC 电源。

注意

当将电源电缆连接至电源输入端子时，请小心不要让它的两根芯线相互接触。

连接示例



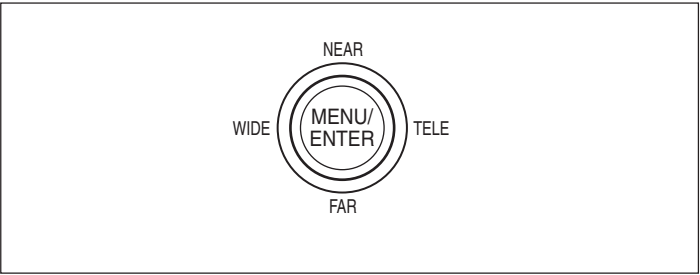
- ① 75 欧姆同轴电缆
- ② 连接至 VIDEO OUT 连接器
- ③ 12 V DC (+) 或 24 V AC (2) 端子
- ④ 12 V DC (GND) 或 24 V AC (1) 端子
- ⑤ 12 V DC 或 24 V AC 电源

调节和设定

若要进行调节和设定，请使用摄像机背面的设定按钮和监视器屏幕上显示的菜单。

有关菜单操作的详细说明，请参阅附带的“菜单操作”。

设定按钮（位于摄像机背面）



调节聚焦

按设定按钮的 ▲ NEAR 端，对焦在较近的物体上，或按 ▼ FAR 端，对焦在较远的物体上。

注意

此调节在摄像机处于手动模式时有效。选择 2.FOCUS 菜单中的 FOCUS: MANUAL。

变焦

按设定按钮的 ◀ WIDE（广角）端可缩小，或按 ▶ TELE（摄远）端可放大。

CCD 特性

使用 CCD 摄像机时，可能会出现以下情况。这不属于摄像机故障。

- 垂直拖尾：观看非常明亮的物体时会出现此现象。
- 固定图案杂波：摄像机在高温环境下工作时，整个监视器屏幕上可能会出现固定图案杂波。
- 锯齿状图像：观看带状、直线或类似图案时，屏幕上的图像可能会呈锯齿状。

规格

成像设备	1/4 型 Exwave HAD CCD
有效像素	752（水平）× 582（垂直）
信号系统	PAL 彩色系统
同步系统	内部、外部（线路锁定，仅限 24 V AC）
水平分辨率	540 TV 线
内置镜头	SSC-ET365P： 焦距：3.4mm 至 122.4mm 最大相对光圈：F1.6 变焦：光学 36 倍，数码 12 倍 水平视角：57.8°（广角）至 1.7°（摄远） 最短拍摄对象距离：0.32m（广角） SSC-ET185P： 焦距：4.1mm 至 73.8mm 最大相对光圈：F1.4 变焦：光学 18 倍，数码 12 倍 水平视角：48°（广角）至 2.8°（摄远） 最短拍摄对象距离：0.29m（广角）
最低照明	SSC-ET365P： 1.4 lx (TYP) (F1.6, 50 IRE, 彩色模式) 0.01 lx (TYP) (F1.6, 50 IRE, 黑白模式) 0.8 lx (TYP) (F1.6, 30 IRE, 彩色模式) 0.007 lx (TYP) (F1.6, 30 IRE, 黑白模式) SSC-ET185P： 0.7 lx (TYP) (F1.4, 50 IRE, 彩色模式) 0.01 lx (TYP) (F1.4, 50 IRE, 黑白模式) 0.5 lx (TYP) (F1.4, 30 IRE, 彩色模式) 0.007 lx (TYP) (F1.4, 30 IRE, 黑白模式)
视频输出	1 Vp-p, 75 欧姆，负同步
视频信噪比	50 dB
电子快门	1/1, 1/2, 1/3, 1/6, 1/12, 1/25, 1/50, 1/75, 1/100, 1/120, 1/150, 1/215, 1/300, 1/425, 1/600, 1/1000, 1/1250, 1/1750, 1/2500, 1/3500, 1/6000, 1/10000（秒）
白平衡	ATW-PRO/ATW/INDOOR/OUTDOOR/MANUAL/ONE PUSH
电源要求	AC 24V ± 10%、50Hz DC 12V ± 10%
功率消耗	SSC-ET365P: 5.2W SSC-ET185P: 4.5W
操作温度	0°C 至 40 °C
操作湿度	20% 至 80 %
存放温度	–20 °C 至 +60 °C
存放湿度	20% 至 95 %
质量	约 470 g
尺寸	59.4 × 65.4 × 120 mm（宽/高/深），不包括突出部和三脚架转接器。
附件	防掉落绳索 (1) 防掉落绳索固定螺丝 (1) 使用说明 (1) 菜单操作 (1)

设计和规格如有变更，恕不另行通知。

在使用前请始终确认本机运行正常。无论保修期内外或基于任何理由，SONY 对任何损坏（包括但不限于）概不负责。由于本机故障造成的现有损失或预期利润损失，不进行退货或赔偿。

定期零件更换
本产品中采用的部分零件（例如电解质电容器）需要根据其平均寿命定期进行更换。 零件的寿命随本产品的使用环境或条件以及使用时间而异，建议您定期进行检查。 详细信息请向您购买本产品的经销商咨询。

产品中有毒有害物质或元素的名称及含量

使用环境条件：参考使用说明书中的操作条件						
部件名称	有毒有害物质或元素					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr (VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
实装基板	×	○	○	○	○	○
外壳	×	○	○	○	○	○
光学组件	×	○	○	○	○	○
附属品	×	○	○	○	○	○

- ：表示该有毒有害物质在该部件所有均质材料中的含量均在 SJ/T11363-2006 标准规定的限量要求以下。
- ×

×：表示该有毒有害物质至少在该部件的某一均质材料中的含量超出 SJ/T11363-2006 标准规定的限量要求。