

WTK-H202

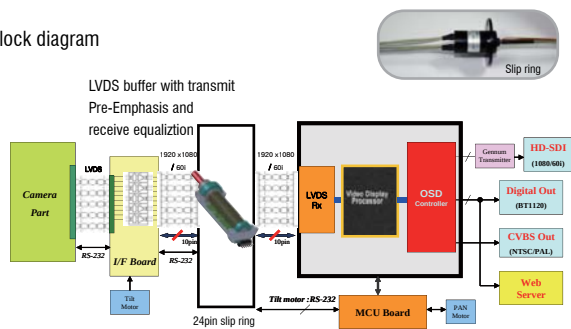
2M Pixel 20x IR Rugged PTZ Network Camera



FEATURES

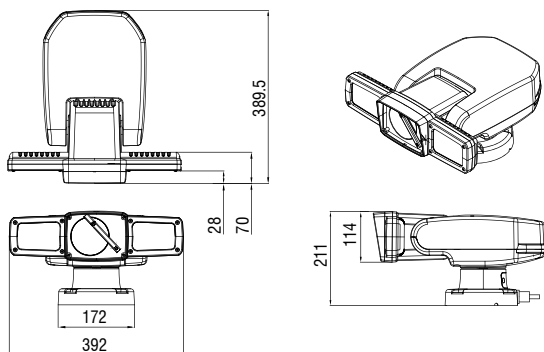
- Smooth operation and captures fluid motion at 30/25 frames per second with 2.2 Megapixel in 1920x1080 pixel resolution
- Advanced Auto Focus algorithm to improve focusing accuracy even in the most challenging low-light, low-contrast environment with 20x optical zoom
- Min.illumination - Color : 0.5 lux , BW : 0.1lux
Color DSS : 0.002 lux , BW DSS : 0.001 lux
- All weather, lightweight, high impact aluminum die-casting weather-proof IP66 outdoor housing
- Built-in wiper system for constant load and reduced noise
- Built-in Super IR LED 30pcs (IR distance 200m in manual focusing)
- Smart IR response by Auto light control (100steps)
- Auto position calibration by encoding data
- Using Http common port for entire TCP/IP Protocol Suite (RTP/RTSP, SNMP, UDP, SMTP)
- Industry leading lowest network latency of 200ms/1920x1080pixels
- Integrated Web server for camera parameter setting

Block diagram



DIMENSIONS

Unit : mm



SPECIFICATIONS

MECHANICAL		
Pan	Angle	360° Continuous pan
	Manual Speed	0.1° to 90°/sec (64 step proportional to zoom)
	Preset Speed	150°/sec, ±0.1° Accuracy
Tilt	Angle	180°(±90°)
	Manual Speed	0.1° to 90°/sec (64 step proportional to zoom)
	Preset Speed	150°/sec, ±0.1° Accuracy
Dimensions		392(W) x 211 (H) x 389.5 (D)
Weight		less then 12.5Kg
Motor	Holding Torque	13.5Kg/°m, 1.35N.m
	Step Angle	1.8° Deg.
	Winding Type	Bipola
ENVIRONMENTAL		
Ingress Protection		IP66
Construction		Aluminum
Temperature	Operating	-20°C to 50°C
	Storage Temp	-20°C to 60°C
Temperature	Fan	-10°C to 40°C (4 step control)
	Heater	-10°C to 0°C (4 step control)
Operating Control	Humidity	50% to 90% (4 step control)
ELECTRICAL		
Power	Voltage	DC11.5V ~ DC30V
	Current	DC15V,8A
	Heater / Fan	10W, 3.4W
NETWORK		
Network Interface		10/100-Base T Ethernet (Auto-sensing)
Cabling(Connector) type and video output		CAT5(RJ45) for ethernet, Coaxial(BNC) for HD-SDI, Coaxial(BNC) for CVBS output
Control		Both Ethernet and RS-485
API		Onvif/PSIA Compliant
Protocol		HTTP, RTP/RTSP, TCP/IP, FTP, Telnet, RARP, PPPoE, NTP, SMTP client
Service		Image upload / Notification service
IR ILLUMINATION		
IR LED	Length	200m (Manual Focusing)
	Power	OSRAM 870nm, 1W, 30EA
CAMERA		
Image		1/3" 2.2M Pixel CMOS Sensor
Picture elements		1920 x 1080 pixels
Lens		20x zoom f= 4.7 mm (WIDE) to 94.0 mm (TELE), F1.6 to F3.5
Digital zoom		32x (640x with Digital zoom)
Angle of view (H)		Approx. 59.9° degrees (WIDE end), approx. 3.1° degrees (TELE end)
Min. working distance		100 mm (WIDE end), 800 mm(TELE end)
Sync system		Internal
Min. illumination		Color : 0.5 lux , BW : 0.1lux/ Color DSS : 0.002 lux , BW DSS : 0.001 lux
Recommended illumination		100 to 100,000 lux
S/N ratio		50 dB (Weight ON)
Back light compensation		ON/OFF
Electronic shutter speed		1/30(25) ~ 1/60,000 sec
White balance		AUTO, ATW, Indoor, Outdoor, One Push WB, Manual WB, Outdoor Auto, Sodium Vapor
Gain		Auto/Manual (-3 dB to +28 dB, 16 steps)
Wide dynamic range		ON/OFF/AUTO
Noise reduction		ON/OFF (level 5 to 1 / OFF, 6 steps)
Color Enhancement		ON/OFF
Aperture control		16 steps