

IR PTZ Camera(Network+HD-SDI)

AMK-H302

HD-SDI
ONVIF



2MP x30 Zoom Hybrid(Network+HD-SDI) Twin Motorized Zoom IR PTZ Camera

Providing brighter and clearer image

AMK-H302's toughened glass viewing window is optically correct and distortion free providing brighter, clearer images, even at full telephoto zoom ratio.

AMK-H302 and its IR motorized zoom lens offers a rich viewing experience even in total darkness, though smoke, light fog and in the most adverse weather conditions which make the camera in hard-to-focusing.

AMK-H302 is well protected with internal aluminum die-casting for shock-resistance, and the external ABS housing for corrosion-resistant for longer life, which is IP66 certified.

AMK-H302's camera housing is factory-sealed and never has to be opened.

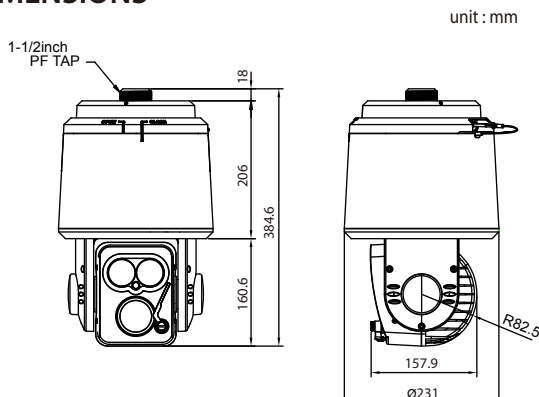
The power supply and all terminals for video, telemetry data, alarm and network interface for the camera are reliably protected in the weatherproof and tamper-proof housing. And an external cable with an included pre-fitted 1m HD-SDI coaxial cable, telemetry data and alarm cable, and power cable, simply links to the installation base unit and the base board.

This advanced PTZ mechanism docking structure is extremely installation-friendly designed as well.

AMK-H302's precise pan/tilt mechanism gives operators accurate pointing control while providing fully programmable scan patterns and slew-to-alarm functionality and delivers variable pan/tilt speeds from a speed of only 0.1° per second up to 120°/80° per second.

The camera is capable of pan speeds of 250° per second between presets.

DIMENSIONS



FEATURES

- 1/3" Panasonic New Generation CMOS
- Smooth operation and captures fluid motion at 30/25 frames per second with 1920x1080 pixel resolution
- Transmit full HD video on Network and HD-SDI
- Industry-highest ratio of x30 optical zoom (4.3~129mm F/1.6)
Improved Auto Focus algorithm to improve focusing accuracy even in the most challenging low-light, low-contrast environments
- True D&N ICR mechanism
Minimum illumination : Color : 0.5 lux , BW : 0.1lux
Color DSS : 0.002 lux , BW DSS : 0.001 lux
- Weather-proof IP66 outdoor housing
Easily track targets with 360degree endless rotation and high-speed 250°/sec
- Resistant to arctic temperature of -50°C to 70°C
Prevent from blooming, smear, focus shift
- Easy of installation and servicing from the PTZ mechanism docking cradle
H.264 and Motion JPEG compression
- Using Http common port for entire TCP/IP Protocol Suite (RTP/RTSP, SNMP, UDP, SMTP)
ONVIF compliant API
- Industry leading latency of 200ms/2Mpix
Bandwidth adaptive video streaming
- Integrated web server for camera parameter setting
Dynamic IP support

SPECIFICATIONS

AMK-H302	
CAMERA	
Image	1/3" Panasonic New Generation CMOS
Picture elements	1920 x 1080 pixels
Lens	x30 zoom f= 4.3 mm (WIDE) to 129 mm (TELE), F1.6 to F5.0
Digital zoom	x32 (x9600 with Digital zoom)
Angle of view (H)	Approx. 65.1° degrees (WIDE end), approx. 2.34° 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
Video Output	IP, HD-SDI, CVBS
NETWORK	
Network interface	10/100-Base T Ethernet (auto-sensing)
Cabling & Connector type	CAT5 & RJ-45
API	ONVIF/PSIA Compliant
Security Protocol	Channel based for live-cast, PTZ, alarm output and audio HTTP, RTP/RTSP, TCP/IP, FTP, Telnet, RARP, PPPoE, SNMP, PAP, CHAP, NT, SMTP client, uPNP
SDK	Open HTTP API (ActiveX for live cast with audio & PTZ)
Service	Image upload / Notification service
MECHANICAL	
Dimension	231(Ø) x 385mm(H)
Weight	Approximately 6.3Kg
Body	IP66, External ABS / Internal Aluminum
IR LED	IR motorized Zoom
Pan	360°Continuous Pan, 0.1° to 120°/sec (proportional to zoom)
Pan Preset Speed	250°/sec, ± 0.1° Accuracy
Tilt	-8°(352°) to 188° movement, 0.8°~80°/sec (proportional to zoom)
Tilt Preset Speed	250°/sec, ± 0.05° Accuracy
ELECTRICAL	
Power Source	AC21~26V 60Hz / 50Hz(Power adaptor not included)
Heater & Cooling Fan	30W / 10000RPM Cooling Fan
Operating Temperature	-50°C to 70°C
Humidity	0% to 90% (non-condensing)