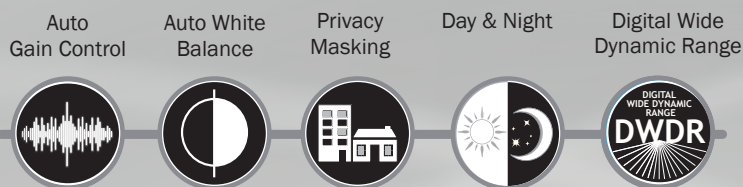


PROFESSIONAL RANGE  
**PTZ-IR12A-2**  
 2MP FULL HD 12X NETWORK  
 IR PTZ DOME CAMERA



**PTZ-IR12A-2**  
 SPECIFICATIONS

CAMERA	
Image Sensor	1/2.8" CMOS
Effective Pixels	1944(H) x 1092(V), 2Megapixels
Scanning System	Progressive
Electronic Shutter Speed	1/3(4) ~ 1/30,000s
Min. Illumination	Color: 0.05Lux@F1.6; B/W: 0.005Lux@F1.6
S/N Ratio	More than 50dB
Video Output	BNC(1.0Vp-p/75Ω), PAL / NTSC
Day/Night	Auto(ICR) / Color / B/W
Backlight Compensation	BLC / HLC / DWDR (Digital WDR)
White Balance	Auto, ATW, Indoor, Outdoor, Manual
Gain Control	Auto / Manual
Noise Reduction	Ultra DNR (2D/3D)
Privacy Masking	Up to 24 areas
Digital Zoom	16x
LENS	
Focal Length	5.1mm~61.2mm (12x Optical zoom)
Max Aperture	F1.6 ~ F3.0
Focus Control	Auto / Manual
Angle of View	H: 51.3° ~ 4.64°
PTZ	
Pan/Tilt Range	Pan: 0° ~ 360° endless; Tilt: -10° ~ 90°, auto flip 180°
Manual Control Speed	Pan: 0.1° ~200° /s; Tilt: 0.1° ~120° /s
PTZ Mode	5 Pattern, 8 Tour, Auto Pan, Auto Scan
Preset Speed	Pan: 400° /s; Tilt: 300° /s
Preset	300
Speed Setup	Human-oriented focal length/speed adaptation
Power up Action	Auto restore to previous PTZ and lens status after power failure
Idle Motion	Activate Preset/ Pan/ Scan/ Tour/ Pattern if there is no command in the specified period
Time Task	Auto activation of Preset/ Pan/ Scan/ Tour/ Pattern by preset-time
Protocol	Pelco-P/D
IR Distance	80m (DC12V) 100m (AC24V)
VIDEO	
Video Compression	H.264/MJPEG
Resolution	1080P(1920×1080)/ 720P(1280×720) / D1(704×576/ 704×480) /CIF (352×288/352×240)
Frame Rate	Main Stream: 1080P(1 ~ 25/30fps)/ 720P(1~50/60fps) Sub Stream: D1/CIF(1 ~ 25/30fps)
Bit Rate	H.264: 448K ~ 8192Kbps, MJPEG: 5120K ~ 10240Kbps
AUDIO	
Compression	G.711a / G.711u(32kbps)/ PCM(128kbps)
Interface	1/1 channel In/Out
NETWORK	
Ethernet	RJ-45 (10/100Base-T)
Protocol	IPv4/ IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS, Bonjour, 802.1x
ONVIF	ONVIF Profile S
Max. User Access	20 users
Smart Phone	iPhone, iPad, Android
AUXILIARY INTERFACE	
RS485	1
GENERAL	
Power Supply	AC24V/3A(±16%)
Power Consumption	DC12V: 13W, 20W (IR on, Heater on) AC24V: 13W, 23W (IR on, Heater on)
Working Environment	DC12V: -30°C ~ 60°C / Less than 90% RH AC24V: -40°C ~ 70°C / Less than 90% RH
Ingress Protection	IP66
Dimensions	Φ186.0(mm) x 309(mm)
Weight	3.5kg

**FEATURES**

- 12x optical zoom
- H.264 & MJPEG dual-stream encoding
- Max. 25/30fps@1080P(1920×1080) & 50/60fps@720P resolution
- DWDR, Day/Night(ICR), Ultra DNR, Auto iris, Auto focus
- Multiple network monitoring: Web viewer, CMS PSS
- Max 400°/s pan speed, 360° endless pan rotation
- Up to 300 presets, 5 auto scan, 8 tour, 5 pattern
- Micro SD memory, IP66
- IR Distance up to 100m(AC24V)/ 80m(DC12V)

**DIAGRAM**

