3MP Dual Light Network PT hybrid light camera

PT-23-40WAL

Key Features

| 3MP | Human Body Detection | intrusion detection | cross line detection | Built-in Mic | Edge Storage | Smart IR | IP66 |

- 2304*1296@20fps in the main stream
- Ultra 265, H.265, H.264
- Support cross line detection and intrusion detection
- Support digital WDR (Wide Dynamic Range)
- Built-in Mic & Speaker, support two-way audio, offer better interaction
- Intelligent perimeter protection, include cross line, intrusion based on human body detection
- Based on target classification, smart intrusion prevention significantly reduce false alarm caused by leaves, birds and lights etc., accurately focus on human
- Smart IR, up to 30m IR and 30m warm light distance, suitable for more scenes
- Self-contained bracket, support two kinds of mounting
- Supports 256 GB Micro SD card
- Wi-Fi connection and easy installation
- IP66 ingress protection
- The front face is made of grapheme, which has better heat dissipation and more environmental protection

Specifications

	PT-23-40WAL			
Camera				
Sensor	1/2.8" progressive scan, 3.0 megapixel, CMOS			
Min. Illumination	Colour:0.005 lux (F1.6, AGC ON) 0 lux with IR			
Day/Night	IR-cut filter with auto switch (ICR)			
Shutter	Auto/Manual, shutter time: 1s ~ 1/100000s			
WDR	Digital			
S/N	>52 dB			
Lens				
Lens type	4mm			
Digital Zoom	4x			
Iris	Fixed; F1.6			
Field of View (H)	90.5°			
Field of View (V)	44.4°			
Field of View (D)	111.3°			
DORI				
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	4mm	73.5	29.4	14.7	7.3
Illuminator				
IR Range	Up to 30m			
Warm Light Range	Up to 30m			
Wavelength	850nm			
IR On/Off Control	Auto/Manual			
Video				
Video Compression	Ultra 265, H.265, H.264			
Frame Rate	Main Stream: 3MP (2304*1296), Max 20fps; Sub Stream: 640*360, Max 20fps;			
Video Bit Rate	128 Kbps ~ 6 Mbps			
ROI	Up to 8 areas			
OSD	Up to 2 OSDs			
Privacy Mask	Up to 4 areas			
Image				
White Balance	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2			
Digital Noise Reduction	2D/3D DNR			
Smart IR	Support			
Flip	Normal/Flip Vertical/Flip Horizontal/180°			
HLC	Support			
BLC	Support			
Defog	Digital Defog			
Intelligent				
Behavior Detection	Cross Line detection, Intrusion detection based on human body detection			
Human Body Detection	Support			
Events				
Basic Detection	Motion detection, Audio detection			

Auto tracking	Support
General Function	Access Policy, RTSP Authentication, User Authentication
Audio	
Audio Compression	G.711U, G.711A
Two-way Audio	Support
Suppression	Support
Sampling Rate	8 kHz
Storage	
Edge Storage	Micro SD, up to 256 GB
Network Storage	ANR
Network	
Protocols	IPv4, TCP, UDP, DHCP, RTSP, DNS, DDNS, NTP, HTTP, HTTPS, 802.1x, SSL
Compatible Integration	ONVIF (Profile S, Profile G), API
Client	GuardStation Guard-Live
Web Browser	Plug-in required live view: IE 10 and above
Wifi	
Wireless Standards	IEEE802.11b/g/n
Frequency Range	2.4 GHz ~ 2.4835 GHz
Wireless Range	Up to 130 m (The performance varies based on actual environment)
Channel Bandwidth	20 MHz Support
Modulation Mode	802.11b: CCK, QPSK, BPSK 802.11g/n: OFDM/HT
Security	64/128-bit WEP, WPA-PSK/WPA2-PSK
Transmit Power	802.11b: 17±1.5dBm @11Mbps 802.11g: 14±1.5dBm @ 54Mbps 802.11n: 12.5±1.5dBm @150Mbps
Receive Sensitivity	802.11b: -90dBm @11Mbps (Typical) 802.11g: -75dBm @54Mbps (Typical) 802.11n: -74dBm @150Mbps (Typical)
Transmission Rate	802.11b: 11Mbps 802.11g: 54Mbps 802.11n: up to 150Mbps
Wireless Standards	IEEE802.11b/g/n
Frequency Range	2.4 GHz ~ 2.4835 GHz
Pan & Tilt	
Pan Range	0° ~ 345°
Pan Speed	1°/s ~ 40°/s
	Preset speed: 40°/s
Tilt Range	0° ~ 90°
Tilt Speed	1°/s ~ 30°/s
	Preset speed: 30°/s
Number of Presets	256
Home Position	Support
Interface	
Built-in Mic	Support
Built-in Speaker	Support

Wi-Fi	Support
Network	1x RJ45 10M/100M Base-TX Ethernet
General	
Power	DC 12V ± 25%
	Power consumption: Max 10W
Power Interface	Ø 5.5mm coaxial power plug
Dimensions (Ø x H)	Φ118mm*118mm*199mm
Weight	0.53kg
Working Environment	-30°C ~ 60°C, Humidity: ≤95% RH (non-condensing)
Surge Protection	4kV
Reset Button	Support
Protection	Ingression protection: IP66

Dimensions