3MP Dual Light Network PT Camera with Active deterrence

PT-23-40WAL-64G

Key Features

| 3MP | Human Body Detection | intrusion detection | cross line detection | Built-in Mic | Edge Storage | Smart IR | IP66 |
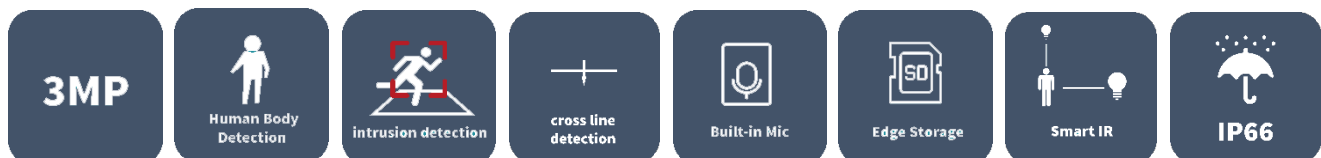
- 2304*1296@20fps in the main stream
- Ultra 265, H.265, H.264
- Support cross line detection and intrusion detection
- Support digital WDR (Wide Dynamic Range)
- Built-in Mic & Speaker, support two-way audio, offer better interaction
- Intelligent perimeter protection, include cross line, intrusion 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
- Active deterrence: Once an intruder is detected, the camera will trigger strobe lights and audio alarms
- Support sound and light warning, makes warning and alarming more noticeable
- Smart IR, up to 30m IR and 30m warm light distance, suitable for more scenes
- Self-contained bracket, support two kinds of mounting
- **Built in 64GB SD card**, suggested recording settings: only event recording
- 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
- Power supply: 12VDC, attached power supply: 12VDC/1,5A

Specifications

	PT-23-40WAL-64G
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, built in 64GB SD card built
Type of MicroSD	TF-64G-T-L, blue card, 64GB capacity
Type of Flash memory	TLC
Speed Class	Class10，A1，U1，V10，Durability display
Max. read/write speed	90 MB/s / 65 MB/s
File system	exFAT
Expected write lifetime	12.8 TBW
Suggested recording settings	only event recording
Operating temperature	from 0°C to 70°C
Size, weight	11mm x 15mm x 1mm, max 0.33g
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
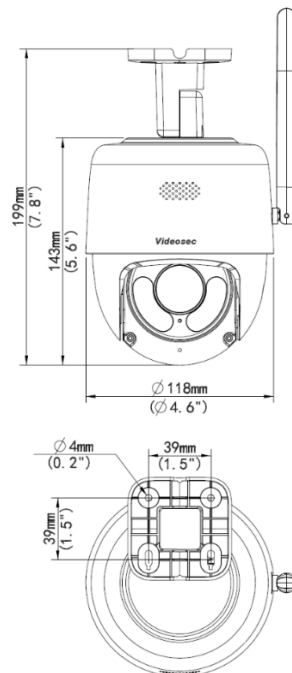
Accessories

TR-UP06-B-IN

Pole-mount holder

TR-JB05-A-IN

Junction box

TR-UP06-C-IN

Pole-mount holder

(for TR-JB05-A-IN junction box)

TR-A01-IN

Waterproof joint