2.0 Megapixel PTZ Camera, 33X Optical Zoom, 500m IR-Laser Distance, Smart AI, 1920 x 1080p, Ultra H.265, WDR 120dB, microSD Storage, IP66

2MP	**Ultra H.265**			**WDR**			
1920 x 1080p Resolution	Ultra H.265 Compression	4.5-148.5mm Motorized Lens	500M IR Distance	Wide Dynamic Range 120dB	Smart AI Algorithm	MicroSD up to 256GB	PoE 24V AC/DC

Product information

The IP-T6030IR-PTZ-33X is an integrated IP PTZ surveillance camera system. Featuring a high definition camera with high perfoming IR Lasers for true 24/7 day/night performance. Integrating these allows for quick and accurate detection, recognition, and identification of intruders. The network ONVIF IP interface makes this system incredibly easy to manage either on-site or remotely, with multiple transmission and control options available. The camera was designed and optimized for long range surveillance. It uses a 1/2.8" progressive scan CMOS sensor with the resolution of 1920 × 1080p and Wide Dynamic Range with 120dB. IP-T6030IR-PTZ-33X outputs amazingly clear and detail-rich images with accurate color reproduction. Paired with sharp and powerful 33X motorized zoom lens, you get an image so impressive you have to see it to believe it.

IP-T6030IR-PTZ-33X

- 1/2.8" progressive scan CMOS-Sensor
- 2.0 Megapixel resolution: 1920 x 1080p (IP)
- 33X optical Zoom
- Ultra H.265 / H.264 Image Compression Method
- 4.5~148.5mm Megapixel lens
- SMD IR LEDs - up to 500m Night Vision
- Wide Dynamic Range 120dB, Tripple streams
- Face Caputure, People Counting, Flow Counting
- 360° Pan Range and 90° Tilt Range
- microSD up to 256GB, Audio IO 1/1, Alarm IO 2/1
- Surge protection 6KV, Weatherproof IP66 housing
- 24V AC/DC and Power over Ethernet (max. 53Watt)

Specifications

Optical Module

Image Sensor	1/2.8" progressive scan CMOS
Maximum Resolution	2.0MP (16:9)
Active Pixel	1920 (H) x 1080 (V)
Minimum Illumination	Color: 0.001Lux (F1.5, AGC on), B/W: 0Lux (IR-LEDs on)
Day/Night	IR-cut filter with auto switch (ICR)
Infrared-LEDs	850nm wavelength; Infrared-SMD-LEDs, Smart-IR
Lens	4.5mm to 148.5mm (F1.5 ~ F4.0)
Digital Zoom	16x
Optical Zoom	33x
Iris	Auto; F1.5 ~ F4.0
Lens Type	Remote focus and zoom, Autofocus, Day/Night (IR)
Angle of View (H)	56.2° ~ 2.6°
Angle of View (V)	33.5° ~ 1.4°
Angle of View (O)	69.2° ~ 3.0°
S/N	>52dB
DORI Distance (4.5mm)	Detection: 72.9m; Observation: 29.2m; Recognition: 14.6m; Identification: 7.3m
DORI Distance (148.5mm)	Detection: 2187.9m; Observation: 875.2m; Recognition: 437.6m; Identification: 218.8m
IR Range	Up to 500m IR range
Wavelength	850nm
IR On/Off Control	Auto/Manual
Ultra Low Light	Lighthunter (Advanced Ultra Low Light Sensor Technology)
Shutter	Auto/Manual, 1 ~ 1/100.000s
Defog	Digital Defog
WDR	120dB

Video

Video Compression	Ultra H.265, H.265, H.264, MJPEG
Frame Rate	Main Stream: 2MP (1920*1080), Max 60fps; Sub Stream: 2MP (1920*1080), Max 60fps; Third Stream: D1 (720*576), Max 60fps;
Video Bit Rate	128 Kbps ~ 16 Mbps
Video streams	Triple streams
OSD	Up to 8 OSDs
Electronic Image Stabilization (EIS)	N/A
Privacy Mask	Up to 24 areas, up to 4 areas per scene
ROI	Up to 8 areas
Motion Detection	Up to 4 areas
Digital Noise Reduction	2D/3D DNR
Smart IR	Supported
HLC / BLC	Supported
White Balance	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2
Flip	Normal/Flip Vertical/Flip Horizontal/180°/90°Clockwise/90°Anti-clockwise

Smart

Smart Intrusion Prevention	Support false alarm filtering: Cross Line detection, Intrusion detection, Enter Area detection, Leave Area detection
Face Capture	Support; Face attributes: Gender, Age range, Glasses, Mask
People Counting	Support people flow counting and crowd density monitoring
Auto Tracking	Supported
Basic Detection	Motion detection, Audio detection, Tampering Alarm
General Function	Watermark, IP Address Filtering, Alarm input, Alarm output, Access Policy, ARP Protection, RTSP Authentication, User Authentication

Audio

Audio Compression	G.711U, G.711A
Audio Bitrate	64 Kbps
Two-way audio	Supported
Suppression	Supported
Sampling Rate	8KHz

Storage

Edge Storage	Micro SD, up to 256GB
Network Storage	ANR,NAS (NFS)

Specifications

Network

Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, RTMP, SSL/TLS
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API, SDK
User / Host	Up to 32 users. 3 user levels: administrator, operator and common user
Security	Password protection, strong password, HTTPS encryption, Export operation logs, basic and digest authentication for RTSP, digest authentication for HTTP, TLS 1.2, WSSE and digest authentication for ONVIF
Web Browser	Plug-in required live view: IE 10 and above, Chrome 45 and above, Firefox 52 and above, Edge 79 and above

Pan & Tilt

Pan Range	360° (endless)
Pan Speed	0.1°/s ~ 200°/s; Preset speed: 300°/s
Tilt Range	-15° ~ 90° (auto reverse)
Tilt Speed	0.1°/s ~ 200°/s; Preset speed: 240°/s
Number of Presets	1024
Patrol	Preset patrol, Route patrol, Recorded patrol
Home Position	Supported

Interface

Audio I/O	1/1
Alarm I/O	2/1
Serial Port	RS485
Network	RJ45 10M/100M Base-TX Ethernet
Video output	1 BNC

General

Surge Protection	6KV
Vandal Resistant	N/A
Ingress Protection	IP66
Operating Temperature / Humidity	40°C ~ 70°C, Humidity: ≤95% RH (non-condensing)
Power Consumption	Max. 53W
Input Voltage	AC 24V ±25%, DC 24V±25%, PoE (PSE Required)
Dimensions (Ø x H)	Ø227 x 385mm
Weight	Appr. 5.6Kg