MT-IPFET34-180AI

2x4MP Panoramic Smart Dual Light Active Deterrence AI Dome Network Camera

Easy to install. Built to perform.

180° Panoramic View	Smart Dual Light	Active Deterrence	AI Analytics
Dual sensor with 2x4MP resolution, two independent 90° views for seamless 180° coverage	IR 40 m + warm light 40 m with intelligent switching for 24/7 full-color imaging	Blue/red flashing lights and audible alarm to deter intruders in real time	Face detection, people counting, heat map and perimeter protection with person/vehicle classification

Panoramic AI Surveillance with Active Deterrence

Dual-sensor panoramic dome delivering seamless 180° coverage with 2x4MP resolution and two independent views. AI-powered analytics include face detection, people counting, heat maps and perimeter protection with human/vehicle classification. Smart Dual Light technology with intelligent switching ensures vivid full-color images day and night, while active deterrence provides immediate audible and visual response to intrusion events.

FEATURES

- Dual 1/2.7" CMOS sensors, 2x4MP with two independent views
- 180° panoramic coverage (90° x2 horizontal, 48° x2 vertical)
- 0.001 Lux ultra-low illuminance, Smart Dual Light IR + warm 40 m
- H.265+/H.264+ advanced codec, ultra-low bit rate
- Active deterrence with blue/red LED lights and audible alarm
- Perimeter protection with person/vehicle classification

- Face detection, people counting and heat map analytics
- Intelligent Motion Detection with human/vehicle classification
- Built-in microphone and speaker for two-way audio
- WDR 120 dB, 3D NR, BLC, HLC for superior image quality
- 1 alarm input / 1 alarm output, MicroSD up to 256 GB
- 12V DC / PoE (802.3af), IP67 metal housing, NDAA compliant

■ EASY Vision

Remote live view, playback, push alarm notifications, PTZ control, device sharing via QR code. Manage all Easy MT devices from a single app.
Available on iOS App Store & Google Play

TECHNICAL SPECIFICATIONS

Camera

Image Sensor	Dual 1/2.7" 4MP progressive CMOS
Max. Resolution	2x4MP (2x 2688 x 1520) with two independent views
Scanning System	Progressive
Electronic Shutter	1/3 s - 1/100,000 s
Min. Illumination	0.001 Lux @ F2.0, 0 Lux with illumination
IR Distance	40 m
Warm Light Distance	40 m
Day/Night	Auto (ICR) / Color / B/W
S/N Ratio	> 56 dB
Gain Control	Auto / Manual

Video

Video Compression	H.265+; H.264+; H.265; H.264
Main Stream	4MP (2688x1520) @1-25/30fps
Sub Stream	D1 @1-25/30fps
Third Stream	720P @1-25/30fps
Bit Rate Control	CBR / VBR
Image Enhancement	WDR 120 dB, BLC, HLC, 3D NR
White Balance	Auto / Manual
Privacy Masking	4 zones
Motion Detection	4 zones

Alarm Event

Alarm I/O	1 input / 1 output
General Alarm	Disconnection, IP conflict, SD error and capacity warning
Active Deterrence	Audible and luminous alarm (blue/red LED lights)

Power

Power Supply	12V DC (±30%) / PoE (802.3af)
Power Consumption	2.8 W (basic) / 5.5 W (max)

Environment

Operating Temperature	-30°C to +60°C (-22°F to +140°F)
Operating Humidity	≤95% RH
Storage Temperature	-40°C to +60°C (-40°F to +140°F)
Protection	IP67

Certifications

NDAA	National Defense Authorization Act (Section 889) compliant

Lens

Lens Type	Fixed
Focal Length	3.6 mm
Aperture	F2.0
Field of View	H: 90° x2 / V: 48° x2 (180° panoramic)

Intelligent

Perimeter Protection	Cross-line detection, intrusion detection (supports person/vehicle classification)
Intelligent Motion Detection	Intelligent motion detection with human/vehicle classification (eliminates false alerts from animals, leaves, rain)
Face Detection	Yes
People Counting	Yes
Heat Map	Yes
AI Target Search	AI-powered quick target search together with NVR
Active Deterrence	Arming/triggering, audible alarm, blue/red flashing LED lights

Audio

Built-in Microphone	Yes
Built-in Speaker	Yes
Two-way Audio	Yes
Audio Compression	G.711a; G.711Mu; G.726; G.726ASF

Network

Network Port	RJ-45 (10/100 Base-T)
Protocol	TCP/IP; UDP; HTTP; IGMP; ICMP; DHCP; RTP; RTSP; DNS; DDNS; FTP; NTP; PPPoE; UPnP; SMTP
Interoperability	ONVIF, CGI, P2P, SDK, API
Max. User Access	Up to 20 simultaneous users
Storage	Micro SD card (max 256 GB), FTP
Management Software	EASY Vision app (iOS / Android), ONVIF, CGI, compatible VMS
Mobile Phone	EASY Vision (iOS / Android)

Structure

Casing	Metal
Dimensions	110 mm x Φ122 mm
Net Weight	0.63 kg (1.39 lb)