AMX-4IE3-30X1

- H.265
- PICTURE
- IP66
- Smart IR
- WDR

CE FC Onvif

Smart TM 1.0 (Thermal Management)

Superior Image Quality

The product adopts high MTF 30x zoom lens and high-performance image sensor so that it can capture vivid color image at low light conditions, avoid Smear for very bright objects, such as street road lamp, car's bright lamp, and output high-quality image. Besides, when WDR is selected, the camera will combine long exposure frame and short exposure frame into one frame-the so called physcial WDR (true WDR).

Working Environment and Interoperability

High Efficiency Video Coding (H.265)

Smart IR (2.0)

SPECIFICATION

Camera Module

Image Sensor	1 / 2.5 "progressive scan CMOS
Min. Illumination	0.01 lux @F1.6, AGC ON COLOR 0 lux with IR
White Balance	Auto/Manual//Indoor/Outdoor
S/N ratio	More than 50dB
Gain	Auto/Manual
Shutter Time	50Hz: 1 / 1 s ~ 1 / 25, 000 s; 60Hz: 1 / 1 s ~ 1 / 30, 000 s
Day&Night	IR Cut Filter
Privacy Mask	4 programmable privacy masks
Focus Mode	Auto/Manual
WDR	120dB

Lens

Focal Length	4.7-141mm, 30x optical zoom
Zoom Speed	Approx. 4s (optical lens, Wide-TELE)
Field of View	Horizontal field of view: 60° to 2.4° (Wide-TELE)
Working Distance	Wide:1.0m~INF Tele: 1.5m~INF

IR

IR Distance	100m
Smart IR	Support

PTZ

Pan Range	360° endless
Pan Speed	Configurable, from 0.5°/s to 80°/s; Preset speed: 150°/s
Tilt Range	From 0° to 93° (auto-flip)
Tilt Speed	Configurable, from 0.5°/s to 70°/s; Preset speed: 120°/s
Proportional Zoom	Support
Preset	360
Cruise	8 cruises, up to 16 presets for each cruises
Trace	4 traces, record time over 3 minutes for each trace
Power-off Memory	Support
Action Mode	Preset/Cruise/Trace/Auto Scan/Random Scan
3D Postioning	Support
PTZ Position Display	Support
Scheduled Task	Preset/Cruise/Trace/Random Scan/Boundary Scanning/Dome Reboot

Compression Standard

Video Compression	H.265 / H.264 / MJPEG
H.264 Type	Baseline Profile/Main Profile/High Profile
H.265 Type	Main Profile
Video Bit Rate	128Kbps ~ 8Mbps
SVC	Support
Audio Compression	G.711A/U

Smart Features

Smart Event	Motion Detection, Intrusion, Object abandoned/missing
Alarm Linkage	Alarm actions, such as preset, cruise, track, SD card record, trigger recording, notify surveillance center, upload to FTP/SD card/NAS, send Email, etc.

Smart Record	ANR (Automatic Network Replenishment)

Image

Max. Resolution	2560×1440
Main Stream	50Hz:25fps(2560×1440, 2304×1296, 1920×1080, 1280×720) 60Hz:30fps(2560×1440, 2304×1296, 1920×1080, 1280×720)
Sub Stream	50Hz:25fps(1280×720, D1, CIF) 60Hz:30fps(1280×720, D1, CIF)
Third Stream	50Hz:25fps(D1, 480×240, CIF) 60Hz:30fps(D1, 480×240, CIF)
Image Enhancement	WDR/HLC/BLC/3D DNR/Defog

Network

Network Storage	Built-in micro SD card slot, up to 128GB
Protocols	HTTP, HTTPS, IPv4/IPv6, 802.1x, QoS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, IGMP, ICMP, DHCP, PPPoE
API	ONVIF, support TVT API and third-party management platform
Simultaneous Live View	Up to 6 channels
User/Host	Up to 16 users, 3 levels: Administrator, Advanced User and Normal User
Security Measures	User authentication (ID and PW), Host authentication (MAC address); HTTPS encryption, IEEE802.1x port-based network access control; IP address filtering
Client	VMS-9000 Client
Web Browser	IE8-11, Chrome 31.0 to 44, Firefox 30.0 to 51

Interface

Network Interface	1 RJ45 10M/100M Ethernet
Audio	1CH audio input (applicable microphone, plug-in power type) 2 to 2.4v[p-p] 1kΩ±10%; 1CH audio output (line out), impedance: 600Ω
Alarm	1CH alarm input; 1CH alarm output

General

Power	24VAC/DC, PoE+(802.3at, class4), Max.30W(IR ON)
Working Environment	-30°C~60°C(-22°F~140°F), ≤ 95% RH
Protection Level	IP 66 Standard, TVS6000V Lightning Protection, Surge Protection and Voltage Transient Protection
Material	ADC12, PC, PC+10%GF
Dimensions	Φ 209mm × 328mm (Φ8.2" × 12.9")
Weight	Approx. 3.77KG (8.3lb)

ACCESSORIES

Optional:

Wall Mount	Mount Adapter	Ceiling Mount
Pole Mount	Corner Mount	Power Adapter

DIMENSIONS

34mm

183.5mm

328mm

Ø169.5mm

Ø208.4mm
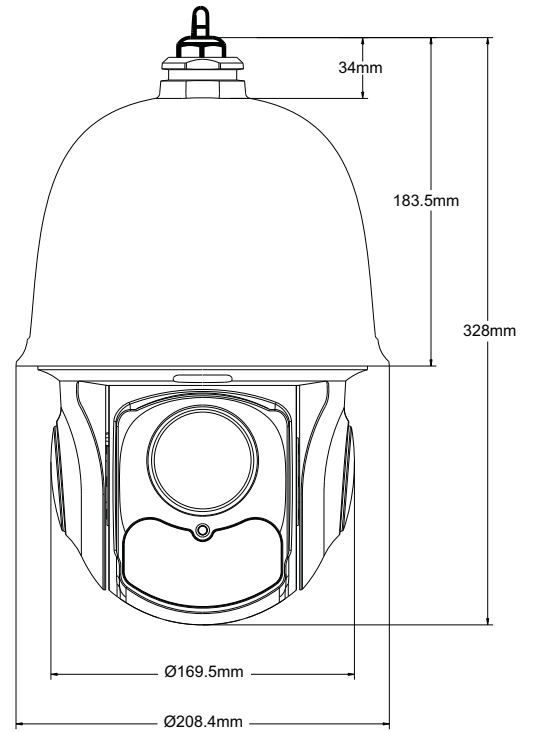
Ceiling Mount	Wall Mount	Pole Mount	Corner Mount