CAM-IP31512W-PV-28-AI-V2



12MP Active Deterrence 2.8MM Full Color IP Turret

- **12MP, Color, H.265, Full Color**
- **2.8mm Focal Length**
- **Color 0.02lux @ F1.6(AGC ON)**
- **Smart Illumination**
- **Built-in microphone & Speaker**
- **Face Detection, Pedestrian & Vehicle , Perimeter Intrusion etc.**
- **WDR, 3D DNR**
- **Micro SD up to 256GB**
- **IP67, D12V/POE(IEEE802.3af)**
- **Free App and Software**

Video	
Imaging Device	1/2.4"
Effective Pixels	12MP 4512(H)×2512(V)
Scanning System	Progressive CMOS
Min. Illumination	Color 0.02lux @ F1.6(AGC ON) ; B/W 0 lux @ IR ON
Lens Type	
Focal Length (Zoom Ratio)	2.8 mm
Max. Aperture Ratio	F No. 1.6
Angular Field of View	Horizontal: 87°, Vertical: 46°, Diagonal: 102°
Min. Object Distance	2m
Lens Type	Fixed(M12)
Operational	
IR LED	1
WarmLight	2
Red Blue Light	2 (1 Red&1 Blue)

IR Viewable Length	Up to 25m
WarmLight Viewable Length	Up to 20m
Type of complementary light	Default warm light, switchable infrared light
Motion Detection	Off/On (8 Level)
Wide Dynamic Range	DWDR
Digital Noise Reduction	3D DNR
Image Setting	Full Color Mode/Day&Night Mode/Smart IIlumination
White Balance	Auto/Manual
Electronic Shutter Speed	1/5 ~ 1/20000s
On-Board Storage	Micro SD slot, up to 256GB
Alarm	NA
Audio	Built-in microphone&Speaker
Custom Voice	Yes
Hardware Reset	Yes
Smart Feature	Face Recognition, Pedestrian & Vehicle , Perimeter Intrusion , Line Crossing , Object Detection, Crossing Counting, Heat Map, Crowd Density , Queue Length , License Plate , Rare Sound, Intrusion, Region Entrance, Region Exiting
Network	
Ethernet	RJ45(10/100BASE-T)
Video Compression Format	H.265/H.264
Resolution	**Main Stream** 12MP (4512x2512),8MP(3840x2160),5MP(2592x1944,3072x1728), 4MP(2592x1520),3MP(2304x1296),1080P(1920x1080) **Sub Steam** 1080P(1920x1080), 720P(1280x720),VGA(640x480),QVGA(320x240) **Mobile Stream** VGA(640x480), QVGA (320x240)
Video Quality Ajustment	256Kbps ~ 16Mbps
Bitrate control method	CBR/VBR
IP	IPv6
Protocol	TCP/IP,HTTP,DHCP,DNS,DDNS,RTP/RTSP, SMTP,NTP,UPnP,SNMP,HTTPS,FTP
Security	IP address filter;complicated password;Authenticated username and password
Application Programming Interface	ONVIF(Profile S/G/T/M)

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Environmental	
Operating Conditions	-35~+60°C/less than ≤ 90% RH
Ingress Protection	IP67
Electrical	
Input Voltage / Current	D12V/POE(IEEE802.3af)
Power Consumption	DC12V; max 5.93W (POE(48V) :max 7.81W
Mechanical	
Material	Metal

User Manual

AI Color Pro App