



5MP AI Network PoE IP COLORFUL DOME CAMERA



VXA-302IPZ



5 Megapixel
(2880 x 1620)



Day & Night
(ICR)



ARTIFICIAL INTELLIGENCE
Deep Learning

FEATURES:

- 5.0 Megapixel Resolution
- 2.8 mm fix lens
- 24/7 colorfull imaging
- Default warm light, switchable infrared light up to 40m
- Support Micro SD card, up to 256GB
- F1.0 super-aperture collects more light to produce brighter images
- AI: Face Recognition/Human Detection/Vehicle Detection, License Plate Detection
- H.265/ H.265+ Video Compression
- DC 12V/PoE (Power over Ethernet)
- IP67 Water and dust resistan, IK 10
- Built-in microphone & Speaker
- Support Cloud Storage
- Free DDNS Vantech

HIGH-END SERIES

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Product Specifications

Parameters	Features
Image Sensor	1/2.7" Progressive CMOS
Video Compression	H264/H265/H.264/+ H.265+
Effective Pixels	5MP 2880(H)×1620(V)
Resolution	Main Stream @30fps 5MP(2880x1620),4MP(2592x1520),3MP(2304x1296), 1080P(1920x1080), 720P(1280*720) Sub Steam @30fps 720P(1280x720), VGA(640x480) Mobile Stream @30fps VGA(640x480), QVGA (320x240)
Video Quality Ajustment	256Kbps ~ 8Mbps
Electronic Shutter	1/5s ~ 1/20000s
Red Blue Light	2 (1 Led & 1 Blue)
IR Viewable Length	up to 40m
WarmLight Viewable Length	Up to 30m
Min. Illumination	Color 0.002lux @F1.0 (AGC ON); B/W 0 lux@ IR
Lens	2.8 mm
Max. Aperture Ratio	F No. 1.0
Angular Field of View	Horizontal: 105°, Vertical: 88°, Diagonal: 132°
Min. Object Distance	2m
Lens Type	Fixed (Ø12)
Image Settings	Full Color Mode/ Day Night Mode/ Schedule
Ethernet	RJ45(10/100BASE-T)
Protocol	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP/RTSP, SMTp, NTP, HTTPS, FTP.
Security	Ip address filter; complicated password; authenticated username& password
Application Programming Interface	ONVIF (Profile S/G/T)
White Balance (WB)	Auto/Manual
Gain Control (GC)	Auto/Manual
Alarm	N/A
Audio	Build-in microphone & speaker
Reset Button	Yes
Storage	Micro SD Card up to 256GB – Cloud storage: Dropbox
Smart Feature	PID (Perimeter intrusion detection), LCD (Line crossing detection), SOD (Stationary object detection, CC (Cross counting), Sound detection, Occlusion detection, Face Detection (FD), Pedestrian&Vehicle Detection (PD&VD), Crowd Density Detection (CD), Rare Sound Detection (RSD), Queue Length Detection (QD), License Plate Detection (LPD), Schedule, Heat map (HM)
Ingress Protection	IP67, IK10
Power Supply	D12V/POE(IEEE802.3af)
Power Consumption	1.2 - 5W (Max)
Material	Metal & Plastics
Dimensions (HxØ)	100*90 mm
Working Environment	0°C ~ +60°C, 20% ~ 95% RH
Weight	312g