

NUH-2431

4MP IR Bullet Network Camera



Key Features

- H.265, H.264 Support
- 4MP Resolution
- 3.6mm Fixed Lens
- True Day & Night
- WDR(ATR-EX)
- 30m IR Distance
- PoE
- IP66

Technical Specifications

Model	NUH-2431	
IMAGE		
Lens	Fixed Focal 3.6mm, F2.1	
Angle of View	83°(H)	
Image Sensor	Type	1/3" CMOS Sensor
	Pixels	2688(H)x1520(V)
Min. Illumination	Color : 0.1Lux / BW : 0Lux@F2.1(IR LED On)	
Scanning Mode	Progressive Scan	
Wide Dynamic Range	Yes	
Day and Night Mode	True D/N(Auto, Day, Night)	
Noise Reduction	3DNR	
Digital Zoom	ROI	
Exposure Control	Auto	
White Balance Control	Auto, Manual	
Back Light Compensation	Yes	
Image Effect	Flip, Mirror, Defog	
Flicker Free Mode	50Hz, 60Hz	
Shutter Speed	Auto(1/10,000~1sec), Manual	
IR Illuminator	Quantity	1 Array LED
	Angle	90°
	Distance	30m
VIDEO/AUDIO		
Compression	H.264/H.265(Baseline, Main, High Profile), MJPEG	
Capture Mode	4M(2592x1520) or 2M(1920x1080)	
Bitrate Control	CBR, CVBR	
Resolution	4M Capture Mode : 2592x1520, 2048x1520, 1920x1080, 1280x1024, 1280x720/960, 704x480/576, 640x480, 320x240	
	2M Capture Mode : 1920x1080, 1280x1024, 1280x720/960, 1024x768, 704x480/576, 640x480, 320x240	
Frame Rate	4M Capture Mode : Max. 20/20fps(NTSC/PAL) 2M Capture Mode : Max. 30/25fps(NTSC/PAL)	
Streaming	Triple Stream : H.264/H.265x2, MJPEGx1	
SYSTEM		
Video Contents Analysis	Tampering, iVMD, Intrusion Detector	
Motion Detection Area	16 Programmable Area(Include Area 8, Exclude Area 8)	
Privacy Mask Zone	4 Programmable Zone	
Smart Codec ROI	8 Regions	
FTP Uploading	MJPEG	
Event Notification	E-mail, FTP, Notification Server, XML Notification	
Login Authority	Administrator, Operator, Guest	
Event Buffering(FTP)	Pre : 30sec, Post : 30sec	
Manual Trigger	4 Programmable Trigger	
Security	Multi User Authority, IP Filtering, HTTPS, SSL	
Network Time Sync	NTP Server, Synchronized Computer, Manual	
Software Reset	Restart, Reset, Factory Default	
Auto Recovery	Backup, Restore	
Remote Upgrade	Web Browsing(IE, Chrome, Safari, Firefox), SmartManager	
NETWORK		
Protocol	TCP/IP, UDP, IPv4/v6, HTTP, HTTPS, QoS, FTP, UPnP, RTP, RTSP, RTCP, DHCP, ARP, Zeroconf, Bonjour	
Client Software	Web, SmartManager, Client S/W, Mobile S/W	
Max. User Connection	Live : 10 Users, Playback : 3 Users	
API Support	Open API, Onvif Compliance	
Mobile Support	Android, iOS	
EXTERNAL IN/OUT		
Video Composite Out	-	
Audio	-	
Alarm	-	
Ethernet	RJ-45(10/100Base-T)	
u-SD Card	-	
ETC		
Operating Humidity	95% or less(Non-Condensing)	
Operating Temperature	-20~+50 °C	
Power Supply	PoE/12VDC	
Power Consumption	106mA(5.1W)@PoE / 320mA(3.8W)@12VDC	
Dimension	75.8(W)x76.6(H)x150.4(D)mm	
Net Weight	300g	
Ingress Protection	IP66	

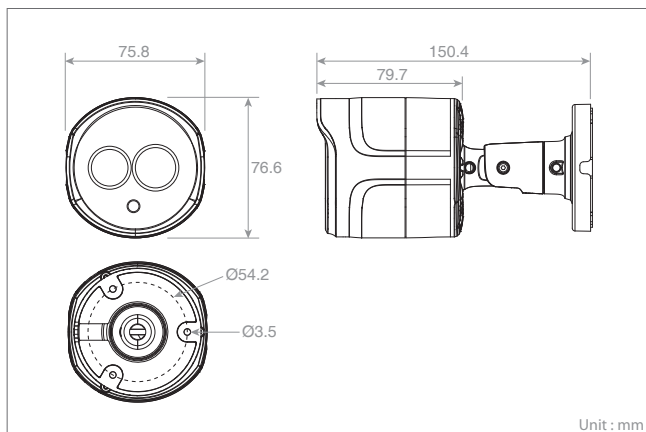
Key Functions

- Smart Codec
- Intelligent Video Motion Detection, Intrusion Detector
- Triple Stream(H.264/H.265, MJPEG)
- Onvif Profile S
- Easy Install : Zero Configuration, Discovery, PoE
- Multi User Authority, IP Filtering, HTTPS, SSL
- Cross Web Browsing(IE, Safari, Firefox, Chrome)
- Privacy Masking

Software

- SmartManager
- Titanium 2.0
- Titanium Mobile

Dimension



Specifications are subject to change without notice.