

K2-2108/80B8-F28

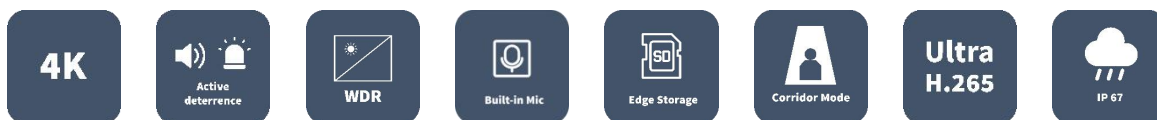


Key Features

N-2108

- Support Ultra 265/H.265/H.264 video formats
- 8-channel input
- Support 1-ch HDMI, 1-ch VGA, HDMI at up 4K(3840x2160) resolution
- HDMI and VGA simultaneous output
- Up to 8MP resolution recording
- 1 SATA HDD up to 6 TB
- Support cloud upgrade

C-80B-AF28KI



- High quality image with 8MP, 1/2.7" CMOS sensor
- 8MP (3840*2160)@20fps; 5MP (3072*1728)@30/25fps; 4MP (2560*1440)@30/25fps; 2MP (1920*1080) @30/25fps
- Ultra 265, H.265, H.264, MJPEG
- Smart intrusion prevention, include cross line, intrusion, enter area, leave area detection
- 120dB true WDR technology enables clear image in strong light scene

- Support 9:16 Corridor Mode
- Built-in Mic
- Built-in Speaker
- Smart IR, up to 30m (98ft) IR distance
- Supports 256 G Micro SD card
- IP67 protection
- Support PoE power supply

Specifications

Model	N-2108
Video/Audio Input	
IP Video Input	8-ch
Two-way Audio Input	1-ch, RCA
Network	
Incoming Bandwidth	80Mbps
Outgoing Bandwidth	64Mbps
Remote Users	128
Protocols	TCP/IP, P2P, UPnP, DHCP, HTTP, HTTPS, DNS, DDNS, SMTP
Video/Audio Output	
HDMI/VGA Output	HDMI: 3840x2160/30Hz, 1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz VGA: 1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz
Recording Resolution	4K/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF
Audio Output	1-ch, RCA
Audio Compression	G.711A, G.711U
Synchronous Playback	8-ch
Corridor Mode Screen	3/4/5/7/9
Decoding	
Decoding format	Ultra 265/H.265/H.264
Liveview/Playback	4K/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF
Capability	2 x 4k@30, 3 x 5MP@30, 4 x 4MP@30, 5 x 3MP@30, 8 x 1080p@30
Hard Disk	
SATA	1 SATA interface
Capacity	up to 6TB for each disk

Smart

VCA Detection Intrusion detection, Cross line detection, enter area, leave area

VCA Search Behavior search

General Alarm

General Alarm Motion, video loss

Alert Alarm IP Conflict, Network Disconnected, Disk offline , Disk Abnormal, Illegal Access

External Interface

Network Interface 1 RJ45 10M/100M self-adaptive Ethernet Interface

USB Interface Rear panel: 1 x USB2.0, 1 x USB3.0

RS232 NA

RS485 NA

Alarm In NA

Alarm Out NA

PoE

Interface 8 RJ45 10M/100M self-adaptive Ethernet Interface

Max Power Max 30W for single port
Max 75W in total

Supported Standard IEEE 802.3at, IEEE 802.3af

General

Power Supply 52V DC
Power Consumption: ≤8 W (without HDD)

Working Environment -10°C ~ + 55°C (+14°F ~ +131°F), Humidity ≤ 90% RH (non-condensing)

Dimensions (W×D×H) 260mm × 240mm × 47mm (10.2"×9.4"×1.9 ")

Weight (without HDD) 1kg (2.20 lb)

Certification

Certification FCC
CE
RCM

Model

C-80B-AF28KI

Camera

Sensor 1/2.7", 8.0 megapixel, progressive scan, CMOS

Minimum Illumination Colour: 0.005Lux (F1.6, AGC ON)
0Lux with IR on

Day/Night IR-cut filter with auto switch (ICR)

Shutter Auto/Manual, 1 ~ 1/100000s

Adjustment angle Pan: 0° ~ 360°
Tilt: 0° ~ 90°
Rotate: 0° ~ 360°

S/N >56dB

WDR 120dB

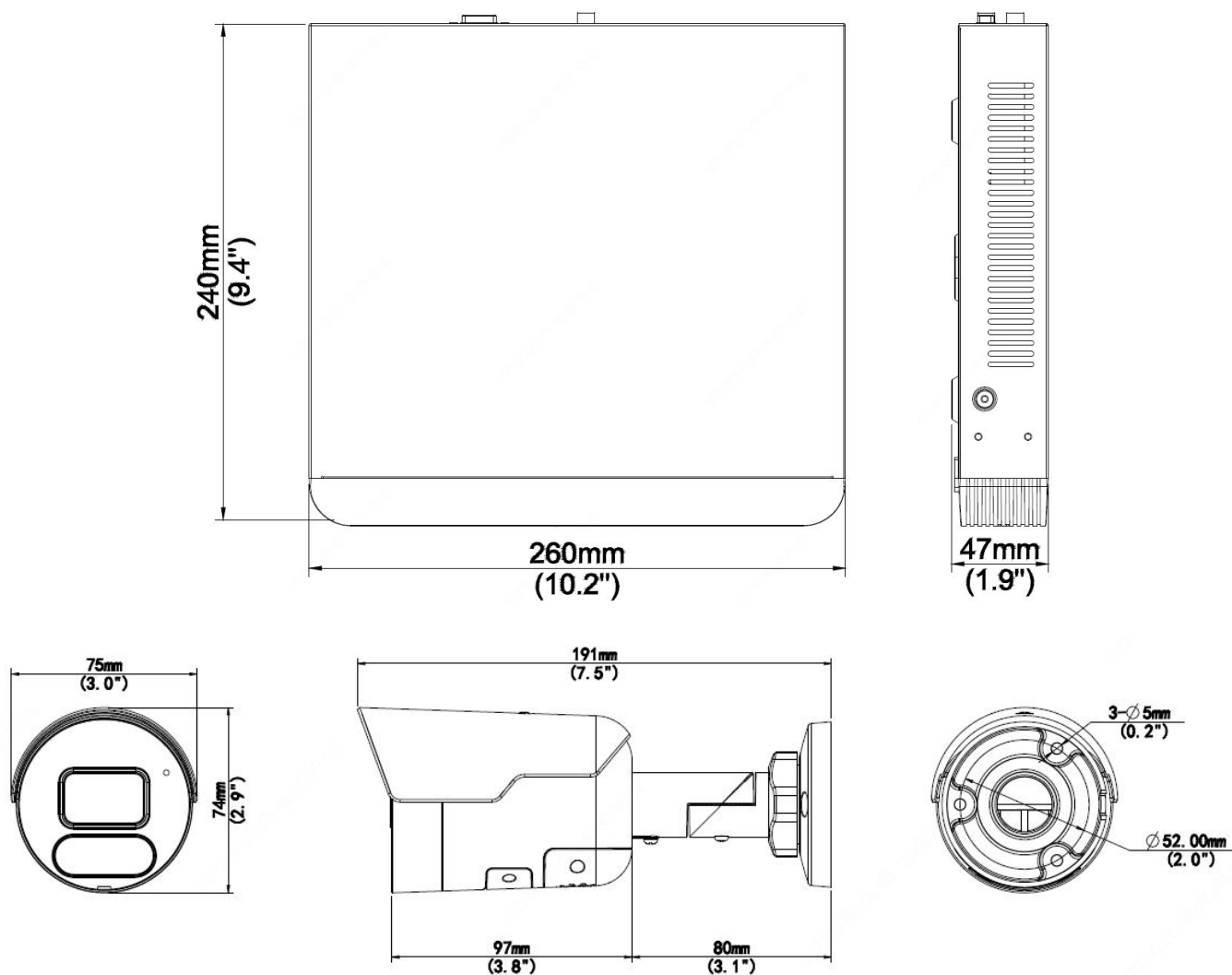
Lens

Lens Type 2.8mm @1.6, Fixed-focal

Lens Mount	M12				
Angle of View (H)	112.4°				
Angle of View (V)	60.1°				
Angle of View (O)	146.1°				
DORI					
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	2.8	84.0	33.6	16.8	8.4
Illuminator					
IR Range	Up to 30m (98 ft) IR range				
Wavelength	850nm				
IR On/Off Control	Auto/Manual				
Video					
Video Compression	Ultra 265, H.265, H.264, MJPEG				
H.264 code profile	Baseline profile, Main profile, High profile				
Frame Rate	Main Stream: 8MP (3840*2160), Max 20fps; 5MP (3072*1728), Max 30fps; 4MP (2560*1440), Max 30fps; 1080P (1920*1080), Max 30fps; Sub Stream: 1080P (1920*1080), Max 30fps;720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360,Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps;				
Video Bit Rate	128 Kbps~16 Mbps				
U-code	Supported				
9:16 Corridor Mode	Supported				
OSD	Up to 8 OSDs				
Privacy Mask	Up to 4 areas				
ROI	Up to 8 areas				
Motion Detection	Up to 4 areas				
Image					
White Balance	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2				
Image Setting	Image rotation, brightness, saturation, contrast, sharpness, gain adjustable by web browser				
Digital Noise Reduction	2D/3D DNR				
Smart IR	Support				
Flip	Normal/Vertical/Horizontal/180°/90°Clockwise/90°Anti-clockwise				
Dewarping	Supported				
HLC	Supported				
BLC	Supported				
Defog	Digital Defog				
Audio					
Audio Compression	G.711				
Two-way audio	Supported				
Suppression	Supported				
Sampling Rate	8KHZ				
Storage					
Edge Storage	Micro SD, up to 256GB				
Network Storage	ANR, NAS(NFS)				
Smart					
Smart intrusion	Cross line, intrusion, enter area, leave area detection;				

Prevention	
Events	
Basic Detection	Motion detection, tampering alarm, audio detection
General Function	Watermark, IP address filtering, tampering alarm, access policy, ARP protection, RTSP authentication, user authentication
Network	
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, SSL/TLS,
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API, SDK
User/Host	Up to 32 users. 2 user levels: administrator and common user
Security	Password protection, Strong password, HTTPS encryption, Export operation logs, Basic and digest authentication for RTSP, Digest authentication for HTTP, TLS 1.2, WSSE and digest authentication for ONVIF
Client	Uniarch Client, Uniarch APP
Web Browser	Plug-in required live view: IE9+, Chrome 41 and below, Firefox 52 and below
	Plug-in free live view: Chrome 57.0+, Firefox 58.0+, Edge 16+
Interface	
Network	1 * RJ45 10M/100M Base-TX Ethernet
Built-in Mic	Supported
Built-in Speaker	Supported
Alarm Light	Supported
Certification	
EMC	FCC: FCC CRF 47 part 15B ANSIC63.4-2014
Safety	CE: EN55032: 2015 EN55024: 2010+A1: 2015 EN61000-3-2-2014 EN61000-3-3-2013 UL: UL60950-1 IEC 60950-1
General	
Power	DC 12V±25%, PoE (IEEE 802.3af)
	Power consumption: Max 10.5W
Power Interface	Ø 5.5mm coaxial power plug
Dimensions (L × W × H)	191× 75 × 74mm (7.5" × 3.0" × 2.9")
Weight	0.5kg (1.1lb)
Material	Metal
Working Environment	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)
Storage Environment	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)
Surge Protection	4KV
Reset Button	Supported

Dimensions



Rear Panel

