

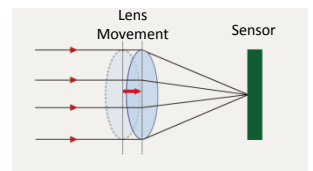
- ▶ Deep Neural Network Accelerated Engine
- ▶ Auto Back Focus (ABF) built in*
- ▶ Dual IRIS support
- ▶ High Dynamic Range (HDR)
- ▶ Triple power support (PoE/ DC12V/ AC24V)



* optional

Auto Back Focus (ABF)

N2-6 can perform fast, reliable auto focus and can adapt to different indoor and outdoor scenes through its unique algorithm. As auto focus can be done by camera itself, no on-site focus adjustment is required.



HDR Engine

Utilizes state of the art image processing technology, N2-6 provides up to 5M resolution, high quality HDR video. Its HDR capability captures more image detail under challenging light conditions, such as entrance area, warehouse loading bay, and parking lot.



Features

- Multiple Progressive Scan CMOS Sensor support up to 5M Resolution
- Multi Exposure HDR
- Multi Codec support (H.265/ H.264/ MJPEG)
- Low Latency Streaming
- Quad Streams support
- True Day/ Night function (ICR)
- ONVIF Profile S/ G/ Q/ T/ M support
- 3D Motion Compensated Noise Reduction (MCTF)
- Text Overlay and Privacy Masks
- Smart Event function
 - External Input/ Motion Detection
 - Network Failure Detection/ Audio Detection
 - Periodical Event/ Manual Trigger/ Tampering Alarm
- Deep Neural Network Accelerated Engine
 - Face/ LPR Detection and Recognition
 - Object Classification and Recognition
 - People Counting and Tracking
- Micro SD/ SDHC/ SDXC Card support

Custom Specification (Default)

OmniVision 5M			
Image Sensor	OmniVision 5M 1/2.7" Progressive CMOS		
Effective Pixels	HxV = 2720x1976 (5M)		
Pixel Size	2.0 μm		
Frame Rate (Maximum)	H.265	HDR 5M	@30fps + 720p @30fps
	H.264	HDR 5M	@30fps + 720p @30fps
	MJPEG	2M	@30fps
Lens : Default			
Minimum Illumination ¹	Color	0.1	lux @ F1.5
	B/W	0.02	lux @ F1.5
Lens	CS Mount lens Remote focus(ABF)* i-CS lens*		

¹ Depends on Lens

* Optional

Common Specification

Camera	
Day and Night	Removable IR-cut filter
Shutter Time	1~1/10K sec.
HDR	Yes
Digital Zoom	10x
Image Settings	Exposure, White Balance, Brightness, Sharpness, Contrast, Saturation, Hue, Noise Reduction, Text Overlay, Privacy Mask
Rotation	90°, 180°, 270° rotation
Video Codec	
Compression	H.265/ H.264/ MJPEG
Streaming	Up to 4 individually configurable streams in H.265/ H.264/ MJPEG Configurable resolution/ frame rate/ bandwidth VBR/ CBR in H.265/ H.264
Audio Codec	
Compression	G.711/ G.726/ LPCM
Streaming	2 way
Audio Input	Line in and Microphone built-in
Audio Output	Line out
Network	
Interface	10/ 100Mbps Ethernet
Security	User Authentication/ HTTPS/ IP Filter/ IEEE 802.1x
Supported Protocols	ARP, PPPoE, IPv4/v6, ICMP, IGMP, QoS, TCP, UDP, DHCP, UPnP, SNMP, SMTP, RTP, RTSP, HTTP, HTTPS, FTP, NTP, DDNS
ONVIF	Profile S/ G/ Q/ T/ M conformant
System Integration	
Events Triggers	External Input, Analytics, Network Failure Detection, Periodical Event, Manual Trigger
Event Actions	External output Activation Video and audio recording to edge storage File Upload : FTP, network share and email Notification : HTTP, FTP, email

Intelligent Video Analytics	
General Analytics	Motion Detection/ Tampering/ Audio detection
DNN Analytics	Face Detection/ Tracking/ Recognition LPR Detection/ Recognition People Counting Human/ Vehicle Classification Object Classification/ Recognition

General		
Casing	Metal and Plastic	
Power	PoE IEEE802.3af, class 0, max 7.05 watt DC12V, max 0.61 A, max 7.28 watt AC24V, max 6.51 watt, max 12.83 VA	
Connectors	RJ45	
	DC12V, Terminal Block	
	AC24V, Terminal Block	
	Alarm in x2, Alarm out x2, Terminal Block	
	Audio in, 3.5mm Jack	
Storage	Support for microSD/ microSDHC/ microSDXC card	
	Support for recording to NAS	
Operating Conditions	-30°C~55°C 10%~90%, No Condensation	
Storage Conditions	-20°C~70°C	
Approvals	EMC Safety	CE/ FCC RoHS
Dimensions	ABF : 148.8x79.7x52.6 mm Non-ABF : 125.3x80.1x52.6 mm	
Weight	ABF : 395 g Non-ABF : 300 g	