



## The New IP Matrix Range

### IP-LL-001-IR-3MP Infrared Camera

#### Main Features Include:

- 1/3" 3 Megapixel Progressive Scan Aptina CMOS
- H.264 & MJPEG Dual-Stream Encoding
- Max 20fps @ 3M (2048 x 1536) & 25 / 30fps @ 1080P (1920 x 1080)
- DWDR, Day / Night (ICR), 3DNR, Auto Iris, AWB, AGC, BLC
- Multiple Network Monitoring: Web Viewer, CMS (DSS / PSS) & DMSS
- 2.7 ~12mm Varifocal Lens
- Built-in 2 / 1 Alarm In / Out
- Max. IR LEDs Length 30m
- Micro-SD Memory
- IP66
- PoE - Power over Ethernet

*Specification may change without prior notice*





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### IP-LL-001-IR-3MP Infrared Camera



#### Technical Data

Camera	Image Sensor	1/3" 3 Megapixel Aptina CMOS
	Effective Pixels	H 2048 x V 1536
	Scanning System	Progressive
	Electronic Shutter Speed	Auto / Manual, 1/3 ~ 1/10000s
	Minimum Illumination	Colour: 0.01Lux / F1.4, 0Lux / F1.4 (IR on)
	S/N Ratio	More than 50dB
Features	Max. IR LEDs Length	30m
	Day/Night	Auto (ICR)   Colour   B/W
	Backlight Compensation	BLC   HLC   DWDR
	White Balance	Auto   Manual
	Gain Control	Auto   Manual
	Noise Reduction	3D
Lens	Privacy Masking	Up to 4 areas
	Focal Length	2.7mm ~ 12mm
	Max Aperture	F1.4
	Focus Control	Manual
	Angle of View	H: 82° Wide ~ 25° Tele
Video	Lens Type	Manual   Auto Iris DC
	Mount Type	Board-in Type
	Compression	H.264 / MJPEG
	Resolution	3M (2048 x 1536) / 1080P (1920 x 1080) / 720P (1280 x 720) / D1 (704 x 576) / CIF (352 x 288)
	Frame Rate - Main Stream - Sub Stream	3M(1~20fps) / 1080P / 720P (1 ~ 25/30fps) D1 / CIF (1 ~ 25/30fps)
Audio	Bit Rate	H.264: 32K ~ 8192Kbps
	Compression Interface	G.711a / G.711u / PCM 1/1 Channel In / Out
Network	Ethernet Protocol	RJ-45 (10 / 100 Base-T) IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, QoS, Bonjour
	Compatibility	ONVIF, PSIA, CGI
	Max. User Access	20 users
	Smart Phone	iPhone, iPad, Android, Windows Phone
Aux.	Memory Slot	Micro SD, Max 64GB
	PIR Sensor Range & RS485 Alarm	N/A 2/1 Channel In / Out
General	Power Supply	DC12V (AC24V optional), PoE (802.3af)
	Power Consumption	< 7W (-H: +W, Motorised lens: +2W, AC24V: +2W)
	Working Environment	-20°C ~ +60°C (H: -40°C ~ +60°C), Less than 95% RH
	Ingress Protection	IP66
	Vandal Resistance	N/A
General	Dimensions	Φ104mm x 306.7mm
	Weight	1.25kg

