

DL-52028B

2MP Low Light IR Dome Network Camera



- 1/2.9" 2MP Sony Low Light Sensor
- H.265+ Triple-stream Encoding
- IR Effective Range 20~30m
- High Quality Motorized Lens 2.8~12mm
- IVA (Smart Function) Supported
- Built-in IEEE 802.3af PoE
- Multiple Web Browser Supported, IE/Safari/Chrome/Firefox
- P2P Cloud Function By Mobile App (AntarView)
- Lightning Protection Up to 6KV
- IP67 Ingress Protection



System Overview

E series IP cameras are high cost efficient solution which're powered by smart H.265+ and advanced cutting-edge Sony sensor for video monitoring.

It delivers crystal clear images and industry-leading IVA smart event.

Cloud function is built-in for every single device, which are more convenient and flexible for realtime and remote viewing.

Functions

H.265+

Delivering high quality video with up to 70% lower bandwidth. H.265+ is the optimized evolution of H.265 and traditional H.264. The Smart H.265+ includes a series of encoding strategy like Dynamic ROI, smart 2D&3D noise reduction, etc. to save up to 70% bandwidth and storage.

IVA (Intelligent Video Analysis)

It allows detecting multiple object behaviors, like Tripwire, intrusion, objects missing or abandoned, etc.

Protection

With precise mechanical and rugged casing design, it stands against water and dust with industrial IP67 rank.

Support $\pm 30\%$ input voltage tolerance, it could work safely in extreme unstable power condition.

With working temperature range -30°C to $+60^{\circ}\text{C}$, it works well in a variety of harsh outdoor environments.

Technical Parameters

Camera

Model	DL-52028B	Flash/DDR	16MB/256MB
Image Sensor	1/2.9" 2MP Sony Low Light Sensor	S/N Ratio	More than 52dB
Min. Illumination	Color: 0.01Lux@(F1.2, AGC ON), 0 Lux with IR B/W: 0.001Lux@(F1.2, AGC ON), 0 Lux with IR	IR Distance	20~30m
Effective Pixels	1920(H)* 1080(V)	IR LED No	4

Lens

Focal Length	Motorized 2.8~12mm	FOV	40°~102°
Aperture	F2.0		

Video

Compression	H.265+/H.265/H.264+/H.264	WDR	DWDR
Resolution	1080P(1920x1080)/1.3M(1280x960)/ 720P(1280x720)/D1(704x576)/CIF(352x288)	Day/Night	Auto(ICR)/Color/B/W
Bit Rate Control	CBR/VBR	White Balance	Supported
Bit Rate	1024Kbps~8192Kbps	Defog	Supported
Streaming	Triple stream	Noise Reduction	3D DNR
Frame Rate	Main stream : 1920x1080(1~25/30fps)	Mirror	Supported
	Sub stream : 704x576(1~25/30fps)	Flip	Supported
	Third stream : 1280x720(1~25/30fps)	BLC	Supported
Digital Zoom	12x	ROI	Support 4 fixed region for main stream and sub stream separately
Audio Compression	G.711A/G.726	Anti-flicker	Supported
		Privacy Mask	4 Areas

Alarm & Audio

Video Detection	Motion Detection, Video Shelter	IVA	Face Detection, Tripwire, Intrusion, Object Abandoned/Missing, People counting, Density etc.
Audio	1 channel audio input; Audio output optional		

Network

Ethernet	1 RJ-45 port(10/100Mbps)	Web Browsers	IE/Firefox/Chrome/Safari
Protocols	TCP/IP, UDP, HTTP, IGMP, ICMP, DHCP, RTP/RTSP/DNS, DDNS, FTP, NTP, PPPoE, UPNP, SMTP, SNMP	VMS	AntarVis
Onvif	Onvif Profile S	Mobile App	AntarView
Max. Online Users	20	Platform	Mac OS/ Windows/iOS/Android

General

Working Temperature	-30 C ~+60 C	Ingress Protection	IP67
Working Humidity	10~90%	Dimensions	Φ102x93.2mm
Power Supply	PoE, IEEE802.3af	Net Weight	0.50KG
Power Consumption	DC12V±10%	Gross Weight	0.70KG

Certifications

CE	EN55032, EN55024, EN61000-3-2, EN61000-3-3	FCC	Part 15 Subpart B, ANSI C63.4-2014
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Ordering Information

Type	Part Number	Description
2MP Camera	DL-52028B	2MP Network Camera(2.8~12mm Lens)

Dimensions (mm)

