

# DL-858M28B | W series

Starlight/WDR 8MP IR Dome Network Camera



- 1/1.8" 8MP Sony Starvis Sensor
- H.265+ Dual-stream Encoding
- IR Effective Range 20~30m
- High Quality Motorized Lens 3.6~11mm
- IVA (Smart Function) Supported
- Multiple Web Browser Supported, IE/Safari/Chrome/Firefox
- P2P Cloud Function By Mobile App (AntarView Pro)
- Lightning Protection Up to 6KV
- IP67 Ingress Protection
- Built-in PoE
- Support Antiriot IK10



## System Overview

W series 8MP IP cameras are high-end project-oriented solution which is powered by Starlight, true WDR smart H.265+ and advanced cutting-edge Sony sensor for video monitoring.

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

Cloud function is built-in for every device, which is more convenient and flexible for real-time and remote viewing.

## Functions

### H.265+

Delivering high quality video with up to 70% bandwidth saving. H.265+ is the evolutionary optimization of H.265 and traditional H.264. The Smart H.265+ includes a series of encoding strategies such as Dynamic ROI, smart 2D&3D noise reduction.

### IVA (Intelligent Video Analysis)

It allows detection on multiple object behaviors, such as Face Detection, Tripwire, Intrusion, Objects Detection, Target Counting etc.

### Protection

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

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

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

## Technical Parameters

### Camera

Model	DL-858M28B	Flash/DDR	128MB/256MB
Image Sensor	1/1.8" 8MP Sony Starvis Sensor	S/N Ratio	More than 52dB
Min. Illumination	0.06Lux/F1.5(color) 0 Lux with IR on	IR Distance	20~30m
Effective Pixel	3840(H)* 2160(V)	IR LED No.	4

### Lens

Focal Length	Motorized 3.6~11mm	FOV	46.6°~112.5°
Aperture	F1.6		

### Video

Compressions	H.265+/H.265/H.264	WDR	120dB
Resolutions	8MP(3840*2160)/5MP(2592*1944)3MP(2048*1536)1080P(1920*1080)/ 1.3M(1280*960)/720P(1280*720)/D1(730*576)/VGA(620*480)/CIF(352*288)	Day/Night	Auto(ICR)/Color/B/W
Bit Rate Control	CBR/VBR	White Balance	Supported
Bit Rate	16Kbps-20Mbps	Defog	Supported
Streaming	Dual stream	Noise Reduction	3D DNR
Frame Rates	Main stream: 3840*2160@15fps	Mirror	Supported
	Sub stream: 720*576(1~25/30fps)	Flip	Supported
Digital Zoom	12x	BLC	Supported
Audio Compression	G.711u	ROI	Support 4 fixed region for main stream and sub stream separately
		Anti-flicker	Supported
		Privacy Mask	4 Areas

### Alarm & Audio

Video Detections	Motion Detection, Video Shelter	IVA	Face Detection/Tripwire/Intrusion/Object Left/Missing/Target Counting /Sound Detection/Fire Detection/Scene Change/VQD
Audio	1 channel audio input; 1 channel 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 2.0
Onvif	Onvif Profile S	Mobile App	AntarView Pro
Max. Online User	5	Platforms	Mac OS/ Windows/iOS/Android

### General

Working Temperature	-30°C~+60°C	Ingress Protection	IP67
Working Humidity	10~90%	Dimensions	Φ102*93.2mm
Power Supplies	PoE, IEEE802.3af DC12V±10%	Net Weight	0.50KG
Power Consumption	<3W	Gross Weight	0.70KG

### Ordering Information

Type	Part Number	Description
8MP Camera	DL-858M28B	8MP Network Camera(3.6~11mm Lens)

### Dimensions (mm)

