

ES-3283-SZ

8MP WDR Vari-focal Network Dome Camera

EYESONIC™



Key Features

- 1/2.5" Progressive Scan CMOS
- 3840 x 2160 resolution
- H.265, H.265+
- P 120dB WDR
- IP67, IK10
- BLC/30 DNR/ROI
- Smart encoding: Support low bit rate, low latency
- 4 behavior analyses and face detection

Model Number

ES-3283-SZ

Image Sensor	1/2.5" Progressive Scan CMOS
Min. Illumination	Color: 0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR. Color: 0.014 Lux @ (F1.4, AGC ON), 0 Lux with IR
Shutter Speed	1/3 s to 1/100,000 s
Slow Shutter	Support
Day & Night	IR Cut Filter
Digital Noise Reduction	3D DNR
WDR	120dB
3-Axis Adjustment	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°
Focal length	2.8 to 12 mm
Aperture	F1.4
FOV	Horizontal field of view: 120° to 36°; Vertical field of view: 62° to 20.5°; Diagonal field of view: 149° to 42°
Lens Mount	Ø14
IR Range	Up to 30 m
Wavelength	850nm
Video Compression	Main stream: H.265+/H.265/H.264+/H.264; Sub stream: H.265+/H.265/H.264+/H.264/MJPEG; Third stream: H.265+/H.265/H.264+/H.264
H.264 Type	Main Profile/High Profile
H.265 Type	Main Profile
Video Bit Rate	32 Kbps to 16 Mbps
Audio Compression	G722.1/G711ulaw/G711alaw/G726/MP2L2
Audio Bit Rate	32 to 128kbps
Behavior Analysis	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection
Face Detection	Support
Region of Interest	Support 1 fixed region for each stream
Max. Resolution	3840 × 2160
Main Stream	50Hz: 20 fps (3840 × 2160), 25 fps (2944 × 1656, 2560 × 1440, 1920 × 1080, 1280 × 720); 60Hz: 20 fps (3840 × 2160), 30 fps (2944 × 1656, 2560 × 1440, 1920 × 1080, 1280 × 720)
Sub Stream	50Hz: 25fps (640 × 360, 352 × 288); 60Hz: 30fps (640 × 360, 352 × 240)
Third Stream	50Hz: 25fps (1280 × 720, 640 × 360, 352 × 288); 60Hz: 30fps (1280 × 720, 640 × 360, 352 × 240)
Image Enhancement	BLC/3D DNR
Image Setting	Rotate mode, saturation, brightness, contrast, sharpness adjustable by client software or web browser
Day/Night Switch	Auto/Schedule/Triggered by Alarm In
Network Storage	Support Micro SD/SDHC/SDXC card (128G), local storage and NAS (NFS,SMB/CIFS), ANR
Alarm Trigger	Motion detection, video tampering, network disconnected, IP address conflict, illegal login, HDD full, HDD error, Alarm input, Alarm output
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour
General Function	One-key reset, anti-flicker, three streams, heartbeat, password protection, privacy mask, watermark, IP address filter
API	ONVIF (PROFILE S, PROFILE G), PSIA, CGI, ISAPI
Simultaneous Live View	Up to 6 channels
User/Host	Up to 32 users;3 levels: Administrator, Operator and User
Client	iVMS-4200, iVMS-4500, iVMS-5200
Web Browser	IE8+, Chrome 31.0-44, Firefox 30.0-51, Safari 8.0+
Audio	1 input (line in, 3.5 mm), 1 output(3.5 mm), single track
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port
Alarm	1 input, 1 output (max. 12 VDC, 30 mA)
Video Output	1Vp-p composite output (75 Ω/BNC)
On-board storage	Built-in Micro SD/SDHC/SDXC slot, up to 128 GB
SVC	H.264 encoding supports
Reset Button	Support
Environment Noise Filtering	Support
Audio Sampling Rate	16 kHz
Operating Conditions	-30 °C to +60 °C (-22 °F to +140 °F), Humidity 95% or less (non-condensing)
Power Supply	12 VDC ± 25%, PoE (802.3af);Terminal block for DC input
Power.Consumption&Current	12 VDC, 0.95A, max. 11.5W;PoE (802.3af, 37V to 57V), 0.1A to 0.3A, max. 12.9W
Protection Level	IP67, IK10
Material	Metal
Dimensions	Ø153.4 × 133.1 mm (Ø6.04" × 5.24")
Weight	Camera: 1287 g (2.84 lb.)

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