

EverFocus

EHN2550-SG

5-Megapixel IR & WDR,
Outdoor Dome Network Camera

ONVIF



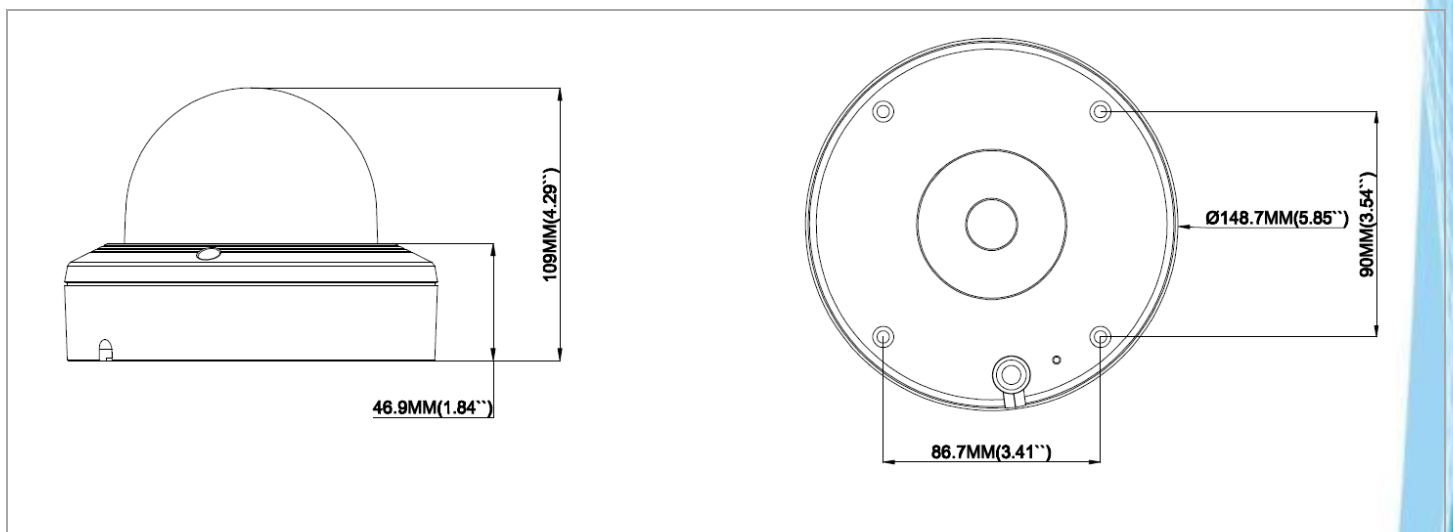
HEVC Advance™
Covered by Patents at patentlist.hevcadvance.com



Features

- 5MP Progressive scan CMOS sensor
- Equipped with 2.8~12mm motorized lens
- Triple-streaming from H.265 / H.264
- Supports 3D DNR (Digital Noise Reduction)
- Provides True Day/Night functionality with automatic IR filter operation
- Extended IR range up to 45m / 148ft.
- Support video analytics
- Supports ONVIF
- Weather-proof IP66 rated
- Supports PoE and 12VDC

Dimensions



*All images presented in this document are for example only. Product models may vary in different countries. Please visit EverFocus regional Websites for detailed ordering information.

*Information contained in this document is subject to change without notice.

Specification

Camera	
Pickup Device	1/2.7", 5.0 megapixel, progressive scan, CMOS
Lens	2.8-12mm, motorized lens, F No. 1.4 (W) ~ 3.1(T)
Angle of View	Horizontal: 101 ~ 32°, Vertical: 71 ~ 23°, Diagonal: 129 ~ 40°
Min. Object Distance	0.2M~INF
Shutter	1/5 ~ 1/20000s
Minimum Illumination	Color 0.05lux @ F1.2(AGC ON) ; B/W 0 lux @ IR ON
Day/Night	IR cut filter with auto switch (Day/Night/Auto/Schedule)
IR Range	Up to 45m (148ft) IR range
Video	
Video Compression	H.265/H.264
Streaming Capability	Triple-Stream(Main/Sub/Mobile)
Frame Rate	Main stream 5MP(2592x1944),4MP(2592x1520) 3MP(2304x1296),1080P(1920x1080) 960P(1280x960),720P(1280x720) Sub stream 720P(1280x720),VGA(640x480),QVGA(320x240) Mobile stream VGA(640x480), QVGA (320x240)
Max. Framerate	50Hz: 25fps@5MP/4MP/3MP/2MP/960P/720P/VGA/QVGA 60Hz: 30fps@5MP/4MP/3MP/2MP/960P/720P/VGA/QVGA
Video Quality Adjustment	8Kbps ~ 8Mbps
Bitrate control method	CBR/VBR
Image	
Privacy Masking	Off/On (4 Zone, Rectangle)
Backlight Compensation	Off/On (5 Zone)
Wide Dynamic Range	WDR
Digital Noise Reduction	3D DNR
Gain Control	Auto
White Balance	Auto/Manual/Indoor
Flip / Mirror	Flip/Rotation
Smart	
Smart Feature	Motion detection(8 Level), Pedestrian & Vehicle Detection, Face Detection, Perimeter Intrusion Detection, Line Crossing Detection, Goods Lost Legacy, Cross counting, Heat Map, Crowd Density Detection, Queue Length Detection
Network	
Protocols	TCP/IP,HTTP,DHCP,DNS,DDNS,RTP/RTSP,SMTP,NTP,UPnP,SNMP,HTTPS,FTP
Compatible Integration	ONVIF(Profile S/G/T)
Web Viewer	IE8,9,10,11, Chrome 44/lower, Firefox 51/lower, Safari 11/lower
Security	IP address filter, complicated password, Authenticated username and password
Max. User Access	Max 7 (admin+user)
General	
Power	DC 12V±25%, PoE (IEEE 802.3af)
	Power consumption: TBD
Alarm	1 input, 1 output
Audio	1 input (RCA), 1 output (RCA)
Storage	Micro SD slot, up to 256GB

Dimensions (Ø x H)	Ø148.7x109mm
Net Weight	appr 960g
Material	White/Metal
Working Environment	-30 ~ +55°C/less than ≤ 95% RH
Storage Environment	-30 ~ +60°C/less than ≤ 95% RH
Ingress Protection	IP66
Reset Button	Supported

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