

8MP FIXED COMPACT DOME CAMERA



ENC-HCDAF-30R-86

FEATURES

2.8 mm Fixed Lens
Smart IR up to 30 m
ONVIF Profile (S,G,T,M)
Built-in Mic
PoE, IP67



SPECIFICATION

MODEL		ENC-HCDAF-30R-86
Type		8MP FIXED COMPACT DOME CAMERA
CAMERA	Image Sensor	1/2.8" CMOS Progressive 8.0 MegaPixel
	Day/Night	Dual IR Cut Filter with Auto Switch
	Lens Type	Fixed
	Focal Length	2.8 mm
	Digital Zoom	16x
	Iris	Fixed
	Lens Mount	M12
	Angle of View (H)	105.3°
	Angle of View (V)	56.9°
	Angle of View (D)	127.9°
	Angle Adjustment	Pan 0~340°, Tilt 0~75°, Rotate 0~360°
	Aperture	F1.6
	Electronic Shutter	1s ~ 1/100,000s, Auto / Manual
	Min. Illumination	Color: 0.001 lux @ F1.6 , B/W: 0 lux with IR
	AGC	Auto / Manual
	Digital Noise Reduction	3D DNR
	S/N Ratio	≥60 dB
	Defog	Smart Defog
WDR	120dB	
Smart IR	Up to 30 m	
Wavelength	850 nm	
White LEDs	2	
Illumination Distance	Up to 20m	

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	Type	8MP FIXED COMPACT DOME CAMERA	
DORI	Lens	2.8 mm	
	Detection	77.0 m	
	Observation	30.5 m	
	Recognition	15.5 m	
	Identification	7.5 m	
VIDEO	Max.Resolution	3840x2160	
	Video Compression	Enhanced (H.265, H.264), H.265, H.264	
	Frame Rate	Main Stream: (3840x2160, 3072x2048) @ 20fps, (2560x1440, 2304x1296, 1920x1080, 1280x720) @ 25/30fps Sub Stream: (704x480, 704x240, 640x360, 352x240) @ 30fps, (704x576, 704x288, 640x360, 352x288) @ 25fps Third Stream: (704x480, 704x240, 640x480, 352x240) @30fps, (704x576, 704x288, 640x480, 352x288) @ 25fps	
	Stream Settings	I-Frame, PAL/NTSC, Frame Rate (1~30FPS), SVC	
	Video Bit Rate	32 Kbps~16 Mbps	
	Bitrate Type	CBR, VBR	
	Image Settings	Brightness, Contrast, Saturation, Hue, Sharpness, Rotation/Mirror, Gain, Exposure, Day/Night	
	White Balance	Auto, Semi Auto, Sunshine, Daylight, Warm Light, Filament, Nature Light, Lock WB, Manual	
	Corridor Mode	N/A	
	HLC	Supported	
	BLC	Supported	
	OSD	Up to 5 Regions	
	OSD Type	Title, Week, Date, Time, Text with different colors and adaptable sizes (16x16, 32x32, 48x48, 64x64, 96x96), Image Overlay	
	ROI	Up to 8 regions	
	Privacy Mask	Up to 4 regions	
	AUDIO	Audio Compression	G.711A, G.711U, ADPCM_D, AAC_LC
		Audio Bit Rate	8 kbps, 32 kbps, 48 kbps
Audio I/O		1/1	
Built-in Mic		Supported with noise cancellation	
SMART	Behavior Detection	Intrusion (Perimeter), Crossline (Tripwire)	
	Intelligent Identification	N/A	
	Statistical Analysis	Human & Vehicle Detection	
	Alarm Management	Motion Detection, Tampering (Masking), IP Address Conflict	
	Alarm Notification	E-mail (Notification and Snapshot), HTTP (Alarm Icon), FTP (Snapshot and Recording), SD Card (Recording)	
	Early Warning (EW)	Support Multi Levels with 20+ Voice Message Warning	
INTERFACE	Laser Pointer	Supported	
	Flash Light Warning	Supported	
	Protocols	TCP/IP, UDP, IPv4, IPv6, ICMP, HTTP, HTTPS, DHCP, DNS, DDNS, RTCP, PPPoE, NTP, UPnP, IGMP, 802. 1x, QoS, Unicast, Multicast, SNMP, ARP, SSH, SSL	
	Security	AES Video Encryption, IP Filter, User Authentication (Multiple Privilege Level)	
	Compatibility	ONVIF Profile (S, G, T,M), SDK/CGI	
	Network	1 x RJ45 10M/100M Self Adaptive Ethernet Port	
	Alarm I/O	1/1	
	Edge Storage	Micro SD card slot, up to 512 GB	
	ANR	Supported	
	Built-in Speaker	Supported	
	Cable Interface	Pig Tail	
Remote connection	≤7		
Max. Users	32		
Client Application	EyeConnect		
Web Language	15		

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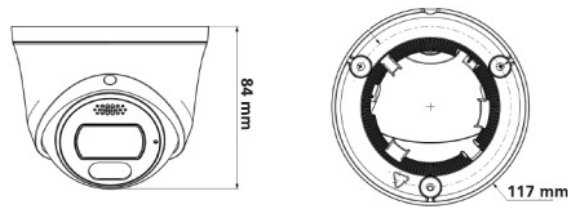
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ENC-HCDAF-30R-86

GENERAL	Power Supply	DC 12V, PoE (802.3af)
	Max. Power Consumption	≤6.5 W (12V DC), ≤8 W (PoE)
	Working Temperature	-40 °C ~ 65 °C
	Working Humidity	≤95% RH
	Ingress Protection	IP67
	Vandal Resistant	N/A
	Surge Protection	TVS4000V
	Reset Button	Supported
	Dimensions	117×117×84 mm
	Net Weight	0.5kg

Dimension Unit : mm



ORDERING INFORMATION

Part Number	Description	Standard Quantity
ENC-HCDAF-30R-86	8MP Lowlight IR IP H.265 Early Warning Compact Dome Camera with 2.8mm Fixed Lens, PoE, WDR, SD Card Slot, Built-in Mic, 30m IR and 20m Warm Light Support	1
ENB-BTEJ67	Junction Box for Norden Fixed Lens Turret Camera and Fixed Lens Mini Bullet Camera	1
ENB-BTDW65	Wall Mount Bracket for Norden Dome Camera (Plastic)	1

PACKING INFORMATION

Part Number	Packing Mode	Gross weight(Kg)	Dimension(mm)
ENC-HCDAF-30R-86	Carton Box	0.7	138x138x110 mm

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