

# 5MP VISIBLE CAMERA MODULE



## ENC-HPT8Z-33X-23-MOD

### FEATURES

- 4.7~155.1 mm (Optional 4.5~148.5mm) Motorized Lens
- ONVIF Profile (S, G, T, M)
- Triple stream
- Audio and Alarm Support



### SPECIFICATION

MODEL		ENC-HPT8Z-33X-23-MOD
	Model No.	ENC-HPT8Z-33X-23-MOD
	Type	5MP VISIBLE CAMERA MODULE
CAMERA	Image Sensor	1/2.8" CMOS Progressive 5.0 MegaPixel
	Day / Night	IR Cut Filter with Auto Switch
	Lens Type	Motorized
	Focal Length	4.7 ~ 155.1 mm (Optional 4.5 ~ 148.5 mm)
	Focus Control	Auto/Semi-Auto/Manual
	Iris Type	DC Auto Iris
	Angle of View (H)	55.0°~2.3° (Optional 60.7° ~ 2.0°)
	Angle of View (V)	41.6°~1.7° (Optional 46.6° ~ 1.5°)
	Angle of View (D)	68.9°~2.8 (Optional 76.5° ~ 2.5°)
	Optical Zoom	33x
	Digital Zoom	16x
	Aperture	F1.6 ~ F4.3
	Electronic Shutter	1s ~ 1/100,000s, Auto / Manual
	Min. Illumination	Color: 0.001 Lux @ F1.6, B/W: 0.001 Lux with IR
	AGC	Auto / Manual
Digital Noise Reduction	2D & 3D DNR, Auto / Manual	
S/N Ratio	≥55 dB	
Defog	Smart Defog	
WDR	120 dB	

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	Type	5MP VISIBLE CAMERA MODULE
DORI	Lens	4.7 ~ 155.1 mm (Optional 4.5 ~ 148.5 mm)
	Detection	100.0 ~ 3127.5 m (Optional 96.0 ~ 2970.0 m)
	Observation	40.0 ~ 1260.5 m (Optional 38.0 ~ 1197.7 m)
	Recognition	19.0 ~ 625.3 m (Optional 18.0 ~ 594.3 m)
	Identification	8.7 ~ 312.7 m (Optional 8.0 ~ 297.0 m)
VIDEO	Max. Resolution	2592 x 1520
	Video Compression	Enhanced (H.265, H.264), H.265, H.264, MJPEG
	Frame Rate	Main Stream: (2592×1520, 2560×1440, 2304×1296, 1920×1080, 1280×720) @25/30fps Sub Stream: (704×576, 640×480, 352×288) @25/30fps Third Stream: (640×480, 352×288, 320×240) @25/30fps
	Stream Settings	i-Frame, PAL/NTSC, Frame Rate
	Video Bit Rate	100 kbps ~ 12 Mbps
	Bitrate Type	CBR, VBR
	Image Settings	Brightness, Contrast, Saturation, Sharpness, Day/Night, Flip/Mirror/Rotation, Multiple Scene & Profile
	White Balance	Auto, Day/Night, Tungsten, Fluorescent, Shadow, Manual
	HLC	Supported
	BLC	Supported
	OSD	Up to 8 regions
	OSD Type	Title, Week, Date, Time, Text with different colors and adaptable sizes, Image overlay
	ROI	Up to 8 regions
	Privacy Mask	Up to 4 regions
AUDIO	Audio Compression	G.711 U, G.711A, RAW_PCM
	Audio Bit Rate	64 kbps, 128 kbps
	Audio I/O	1/1
SMART	Behavior Detection	Intrusion (Perimeter), Crossline (Tripwire), Double Crossline (Double Tripwire)
	Intelligent Identification	Loitering, Smoke Detection, Flame Detection
	Statistical Analysis	Face Detection, People Counting, Human and Vehicle Detection, Wrong Way Detection, Illegal Parking.
	Alarm Management	Motion Detection, Tampering (Masking), Input & Output Event, Network Alarm, Disk Alarm, Day Night Switch Alarm, Abnormal Audio Alarm, Pre/Post Alarm Recording, Alarm Recording/Snapshot
	Alarm Notifications	E-mail (Notification and Snapshot), HTTP (Alarm Icon), FTP (Snapshot and Recording), SD Card (Recording)
INTERFACE	Protocols	TCP/IP, UDP, IPv4, IPv6, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, IGMP, 802.1X, Unicast, Multicast, QoS, ARP, SNMP, SSL/TLS1.2
	Security	AES 128/256 Encryption, IP Filter, User Authentication (Multiple Privilege Level), 802.1X Authentication (EAP-MD5), HTTPS Authentication, RTSP Authentication, Digest Authentication, User Access Log
	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
	Max. User	32
	Client Application	EyeGuard
GENERAL	Power Supply	12V DC, PoE (IEEE 802.3af)
	Max. Power Consumption	≤7 W
	Working Temperature	-20°C ~ 60°C
	Dimensions	112.7 × 47.9 × 55.7 mm
	Net Weight	0.28 Kg

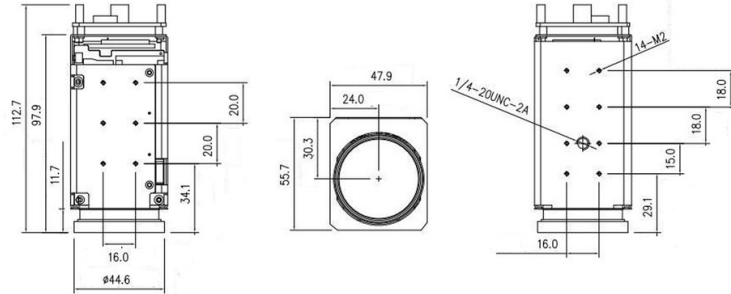
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## ENC-HPT8Z-33X-23-MOD

Dimension Unit : mm



### ORDERING INFORMATION

Part Number	Description	Standard Quantity
ENC-HPT8Z-33X-23-MOD	5MP Visible Camera Module with 33x Optical Zoom, SD Card Slot, and Smart Analytics	1

### PACKING INFORMATION

Part Number	Packing Mode	Gross weight(Kg)	Dimension(mm)
ENC-HPT8Z-33X-23-MOD	Carton Box	-	-