

# 2MP EXPLOSION PROOF PTZ CAMERA



## ENC-HPT5Z-200R-44

### FEATURES

304 / 316L Stainless Steel Construction

30X Optical Zoom, 16X Digital Zoom

ONVIF Profile (S, G, T, M)

Quad Stream

Audio and Alarm Support

Optical Fibre Connector

Wiper Support

ATEX / IECEx / CCoE (PESO) Certified

Applicable for GAS Zone 1, Zone 2, Class IIA, IIB, IIC

Applicable for Temperature Classes T1-T6

Applicable for Dust Zone 21, 22

IP66, IP68(2m/2h)



### SPECIFICATION

MODEL	Model No.	ENC-HPT5Z-200R-44
	Type	2MP EXPLOSION PROOF PTZ CAMERA
CAMERA	Image Sensor	1/2.8" CMOS Progressive 2.0 MegaPixel
	Day / Night	IR Cut Filter with Auto Switch
	Lens Type	Motorized Lens
	Focal Length	5 ~ 150 mm (Optional 4.5 ~ 135 mm)
	Focus	Auto / Semi Auto / Manual
	Iris Type	P Iris (Optional DC Auto Iris), Auto/ Manual
	Angle of View (H)	55.3° ~ 2.3° (Optional 60.0° ~ 2.5°)
	Angle of View (V)	31.2° ~ 1.3° (Optional 33.8° ~ 1.4°)
	Angle of View (D)	63.5° ~ 2.7° (Optional 69.0° ~ 2.9°)
	Aperture Range	F1.6 ~ F4.4
	Optical Zoom	30X
	Digital Zoom	16X
	Electronic Shutter	1s to 1/100,000s, Auto / Manual
	Min. Illumination	Color: 0.001 lux @ F1.6, B/W: 0.007 lux @ F1.6, 0 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	
Smart IR	Up to 200m	
Wavelength	850 nm	

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DORI	Lens	5 ~ 150 mm (Optional 4.5 ~ 135 mm)
	Detection	101.0 ~ 3060.0 m (Optional 69.8 ~ 2094.8 m)
	Observation	39.7 ~ 1203.0 m (Optional 27.9 ~ 837.9 m)
	Recognition	19.1 ~ 615.0 m (Optional 14.0 ~ 419 m)
	Identification	10.1 ~ 306.0 m (Optional 7.0 ~ 209.5 m)
VIDEO	Max. Resolution	1920x1080
	Video Compression	Enhanced (H.265, H.264), H.265, H.264, MJPEG
	Frame Rate	Main Stream: (1920x1080, 1280x720) @ 50/60fps Sub Stream: (1920x1080, 1280x720, 704x576) @ 25/30fps Third Stream: (640x480, 352x288, 320x240) @ 25/30fps Fourth Stream: (640x480, 352x288, 320x240) @ 25/30fps (Optional)
	Stream Settings	i-Frame, PAL/NTSC, Frame Rate
	EIS	Supported
	Video Bit Rate	100 kbps ~ 12 Mbps
	Bitrate Type	CBR, VBR
	Image Settings	Brightness, Contrast, Saturation, Sharpness, Day/Night (Color, Mono, Auto), Flip/Mirror/Rotation, Multiple Scene & Profile
	White Balance	Auto, Day / Night, Tungsten, Manual
	HLC	Supported
	BLC	Supported
	OSD	Up to 8 regions
	OSD Type	Title, Week, Date, Time, with different colors and adaptable sizes, Image overlay and OSD - up to 8 regions
	ROI	Up to 8 regions
Privacy Mask	Up to 40 regions ( each scene up to 8 )	
AUDIO	Audio Compression	G.711U, G.711A, RAW_PCM
	Audio I/O	1/1
	Audio Bit Rate	64Kbps, 128Kbps
SMART	Behavior Detection	Intrusion (Perimeter), Crossline (Tripwire), Double crossline ( Double Tripwire)
	Intelligent Identification	Abandoned object (Object Left), Missing Object (Object Lost), Loitering, Multi Loitering
	Statistical Analysis	Face Detection , People Counting, Human & Vehicle Detection, Abnormal Video & Audio Detection, Wrong Way Detection, Illegal Parking, Smoke Detection, Fire Detection, Tampering / Masking / Scene Change, Abnormal Speed
	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, HTTP, FTP, SD Card & Alarm Out (Event Notification/ Recording/ Snapshot upload through Email, HTTP, FTP & SDCard)
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 (S, G, T, M) , SDK, CGI
	Network	1 x RJ45 10M/100M Self Adaptive Ethernet Port
	Optical Fiber Connector	Single mode, FC Type
	Alarm I/O	1/1 (Customizable)
	Serial Interface	1 x RS485
	Edge Storage	Micro SD Card Slot, up to 512 GB
	ANR	Supported
	Buil-in Heater	Supported
	Wiper	Supported
Max User	32	
Web Language	15	
Client Application	EyeGuard	

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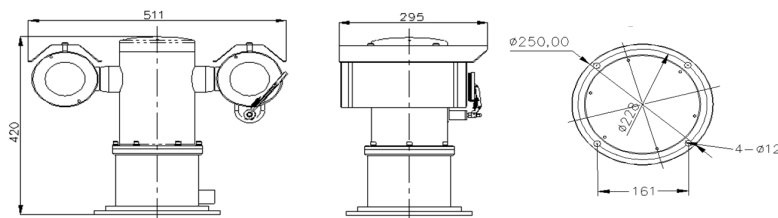
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PAN AND TILT	Pan Range	360° (Endless)
	Pan Speed	Pan Manual Speed: 0.1°/s ~ 45°/s, Pan Preset Speed: 45°/s
	Tilt Range	-90 ~ +90°
	Tilt Speed	Tilt Manual Speed: 0.1°/s ~ 45°/s, Tilt Preset Speed: 45°/s
	Preset Accuracy	±0.1°
	3D Position	Supported
	Cruise Scan	Supported
	Tour	12 (32 Preset per Tour)
	Number of Presets	255
	Resume Function	Supported
GENERAL	Power Supply	110V ~ 240V AC (Optional 24V DC, 24V AC)
	Max. Power Consumption	≤75W (with thermostat)
	Working Temperature	-40 °C ~ 70 °C
	Working Humidity	≤95% RH (non-condensing)
	Atmospheric Pressure	80 kPa ~ 120 kPa
	Window Glass	Strong Tempered Glass
	Sun Shade	Supported
	Ingress Protection	IP68
	Surge Protection	TVS6000V
	Reset Button	Supported
	Dimensions	511x295x420 mm
	Net Weight	45 kg

Dimension Unit : mm



### ORDERING INFORMATION

Part Number	Description	Standard Quantity
ENC-HPT5Z-200R-44 (With SS316L, 5 to 150 mm Optical Zoom, P Iris and 110V ~ 240V AC)	2MP 60FPS Explosion-proof IR IP PTZ camera with 316L stainless steel, 30X Optical Zoom, Wiper, SFP, SD card slot and 200m IR support	1
ENC-HPT5Z-200R-44 (With SS304, 5 to 150 mm Optical Zoom, P Iris and 110V ~ 240V AC)	2MP 60FPS Explosion-proof IR IP PTZ camera with 304 stainless steel, 30X Optical Zoom, Wiper, SFP, SD card slot and 200m IR support	1
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ENB-BZPW68	Wall Mount Bracket for Norden Explosion Proof PTZ Camera	1
ENB-BZPH68	Corner Mount Bracket for Norden Explosion Proof PTZ Camera	1
ENB-BZPV68	Pole Mount Bracket for Norden Explosion Proof PTZ Camera	1

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## ENC-HPT5Z-200R-44

ENA-EXH010	1 Meter Explosion Proof Hose for Norden Explosion Proof Camera	1
ENA-EXH015	1.5 Meter Explosion Proof Hose for Norden Explosion Proof Camera	1
ENA-EXH020	2 Meter Explosion Proof Hose for Norden Explosion Proof Camera	1

### PACKING INFORMATION

Part Number	Packing Mode	Gross weight(Kg)	Dimension(mm)
ENC-HPT5Z-200R-44	Carton Box	-	-