

# 8MP EXPLOSION PROOF PTZ CAMERA FOR MINING



## ENC-HPTAZ-100R-48

### FEATURES

316L / 304 Stainless Steel Construction

40X Optical Zoom, 16X Digital Zoom

6.8 ~ 272 mm

ONVIF Profile (S, G, T, M)

Smart IR up to 100m

Audio and Alarm Support

Wiper Support

IP68



### SPECIFICATION

MODEL	Model No.	ENC-HPTAZ-100R-48
	Type	8MP EXPLOSION PROOF PTZ CAMERA FOR MINING
CAMERA	Image Sensor	1/1.8" CMOS Progressive 8.0 MegaPixel
	Day / Night	IR Cut Filter with Auto Switch
	Lens Type	Motorized Lens
	Focal Length	6.8 ~ 272 mm
	Focus	Auto / Semi Auto / Manual
	Iris Type	Auto/ Manual
	Angle of View (H)	58.2° ~ 2.2°
	Angle of View (V)	34.3° ~ 1.3°
	Angle of View (D)	64.9° ~ 2.5°
	Aperture Range	F1.6 ~ F4.9
	Optical Zoom	40X
	Digital Zoom	16X
	Electronic Shutter	1s ~ 1/100,000s, Auto / Manual
	Min. Illumination	Color: 0.001 lux @ F1.6, B/W: 0.001 lux @ F1.6, 0 lux with IR on
	AGC	Auto / Manual
	Digital Noise Reduction	2D & 3D DNR, Auto / Manual
S/N Ratio	≥50 dB	
Defog	Smart Defog	
WDR	120 dB	
Smart IR	Up to 100 m	
Wavelength	850 nm	

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	Type	8MP EXPLOSION PROOF PTZ CAMERA FOR MINING
<b>DORI</b>	Lens	6.8 ~ 272.0 mm
	Detection	140.0 ~ 5600.0 m
	Observation	56.0 ~ 2240.0 m
	Recognition	28.0 ~ 1120.0 m
	Identification	14.0 ~ 560.0 m
<b>VIDEO</b>	Max. Resolution	3840x2160
	Video Compression	Enhanced(H.265, H.264), H.265, H.264, MJPEG
	Frame Rate	Main Stream:(3840x2160, 2592x1520, 2304x1296, 1920x1080, 1280x720) @25/30fps Sub Stream:(704x576, 640x480, 352x288) @25/30fps Third Stream: (640x480, 352x288, 320x240, 340x240) @ 25/30fps
	Stream Settings	i-Frame, PAL/NTSC, Frame Rate
	EIS	Supported
	Video Bit Rate	100 Kbps ~ 16 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, Text with different colors and adaptable sizes, Image overlay
	ROI	Up to 8 regions
	Privacy Mask	Up to 8 regions
<b>AUDIO</b>	Audio Compression	G.711U, RAW_PCM
	Audio Bit Rate	64Kbps, 128Kbps
	Audio I/O	1/1
<b>SMART</b>	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, Wrong Way Detection, Illegal Parking, 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 (Notification and Snapshot), HTTP (Alarm Icon ), FTP (Snapshot and Recording), SD Card (Recording)
<b>INTERFACE</b>	Protocols	TCP/IP, UDP, IPv4, IPv6, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP , IGMP, 802.1X, SNMP,
	Security	AES 128/256 Video 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
	Alarm I/O	1/1 (Customizable)
	Serial Interface	1xRS485
	Edge Storage	Micro SD Card Slot, up to 1 TB
	Built-in Heater	Supported
	Wiper	Supported
	Remote Connection	≤10
	Web Language	15
Max. User	32	
Client Application	Eye Guard	

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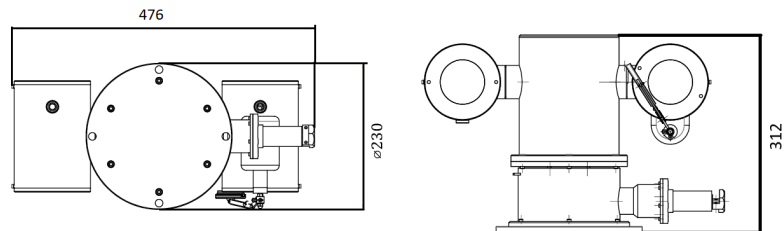
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## ENC-HPTAZ-100R-48

MODEL		ENC-HPTAZ-100R-48
Type		8MP EXPLOSION PROOF PTZ CAMERA FOR MINING
PAN AND TILT	Pan Range	0° ~ 360°(Endless)
	Pan Speed	Pan Manual Speed: 0.1°/s ~ 15°/s, Pan Preset Speed: 15°/s
	Tilt Range	-90 ~ +90°
	Tilt Speed	Tilt Manual Speed: 0.1°/s ~ 15°/s, Tilt Preset Speed: 15°/s
	Preset Accuracy	±0.1°
	3D Position	Supported
	Cruise Scan	Supported
	Tour	Supported
	Pattern	Supported
	Preset	128
	Resume Function	Supported
	GENERAL	Power Supply
Max. Power Consumption		≤50W (with thermostat)
Working Temperature		-40 °C ~ 70 °C
Working Humidity		≤95% RH (non-condensing)
Atmospheric Pressure		80 kPa ~ 106 kPa
Window Glass		Strong Tempered Glass
Ingress Protection		IP68
Surge Protection		TVS6000V
Reset Button		Supported
Dimensions		476xø230x312 mm
Net Weight		17 kg

Dimension Unit : mm



### ORDERING INFORMATION

Part Number	Description	Standard Quantity
ENC-HPTAZ-100R-48 (With SS316L Housing)	8MP SS316L Group I (Mines) Energized Ma, Mb PTZ Camera with 40X Optical Zoom, Wiper, SD Card Slot and 100m IR Support	1
ENC-HPTAZ-100R-48 (With SS304 Housing)	8MP SS304 Group I (Mines) Energized Ma, Mb PTZ Camera with 40X Optical Zoom, Wiper, SD Card Slot and 100m IR Support	1
ENB-BZPW68	Wall Mount Bracket for Coal Mining PTZ Camera	1
ENB-BZPH68	Corner Mount Bracket for Coal Mining PTZ Camera	1
ENB-BZPV68	Pole Mount Bracket for Coal Mining PTZ Camera	1
ENA-EXH010	1 Meter Hose for Norden Coal Mining PTZ Camera	1
ENA-EXH015	1.5 Meter Hose for Norden Coal Mining PTZ Camera	1
ENA-EXH020	2 Meter Hose for Norden Coal Mining PTZ Camera	1

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**ENC-HPTAZ-100R-48**

## PACKING INFORMATION

Part Number	Packing Mode	Gross weight(Kg)	Dimension(mm)
ENC-HPTAZ-100R-48	Carton Box	-	-

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