

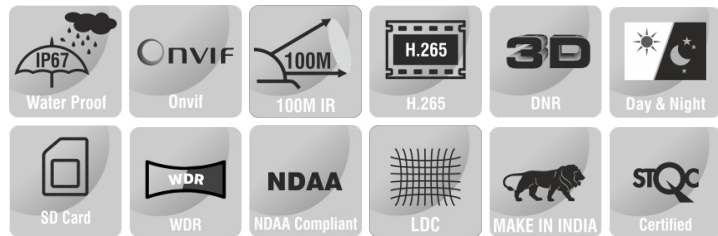
# 4MP LOWLIGHT BULLET CAMERA



## ENC-HBU7M-100R-109

### FEATURES

- Starlight Illumination
- 2.7 ~ 13.5 mm (Optional 5 ~ 50 mm) Motorized Lens
- Smart IR up to 100 m
- ONVIF Profile (S, G, T, M)
- Quad Stream
- Audio and Alarm Support
- Micro SD Card Slot Support up to 2TB
- PoE, IK10, IP67



### SPECIFICATION

MODEL	Model No.	ENC-HBU7M-100R-109
	Type	4MP LOWLIGHT BULLET CAMERA
CAMERA	Image Sensor	1/2.8" CMOS Progressive 4.0 MegaPixel
	Day / Night	IR Cut Filter with Auto Switch
	Lens Type	Motorized
	Focal Length	2.7 ~ 13.5 mm (Optional 5 ~ 50 mm)
	Focus	Auto / Manual
	Iris Type	DC Auto Iris (Optional P Iris)
	Angle of View (H)	108.1° ~ 30.3° (Optional 55.6° ~ 6.0°)
	Angle of View (V)	56.3° ~ 17.1° (Optional 42.7° ~ 4.6°)
	Angle of View (D)	130.9° ~ 34.8° (Optional 70.1° ~ 7.5°)
	LDC	Supported
	Digital Zoom	16x
	Angle Adjustment	Tilt 0~90°, Pan / Rotate 0~360°
	Aperture	F1.6 ~ F3.2
	Electronic Shutter	1s ~ 1/100,000s, Auto / Manual
	Min. Illumination	Color: 0.001 lux @ F1.6, B/W: 0.0001 lux @ F1.6 & 0 lux with IR on
	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 100 m	
Wavelength	850 nm	

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MODEL	Model No.	ENC-HBU7M-100R-109
	Type	4MP LOWLIGHT BULLET CAMERA
DORI	Lens	2.7 ~ 13.5 (Optional 5 ~ 50 mm)
	Detection	58.4 ~ 263.4 m (Optional 100.6 ~ 977.3 m)
	Observation	22.7 ~ 106.0 m (Optional 40.0 ~ 394.0 m)
	Recognition	10.0 ~ 52.4 m (Optional 19.0 ~ 195.4 m)
	Identification	3.6 ~ 26.0 m (Optional 9.0 ~ 97.0 m)
VIDEO	Max. Resolution	2560×1440
	Video Compression	Enhanced (H.265), H.265, H.264, MJPEG
	Frame Rate	Main Stream: (2560×1440, 2304×1296) @ 25/30fps, (1980×1080, 1280×720) @ 50/60fps Sub Stream: (1920×1080, 1280×720, 640×480, 352×288)@ 25/30fps Third Stream: (1920×1080, 1280×720, 640×480, 352×288)@ 25/30fps Fourth Stream: (1920×1080, 1280×720, 640×480, 352×288)@ 25/30fps
	Stream Settings	i-Frame, PAL/NTSC, Frame Rate
	DIS	Supported
	Video Bit Rate	32 kbps ~ 32 Mbps
	Bitrate Type	CBR, VBR
	Image Settings	Brightness, Contrast, Saturation, Sharpness, Chroma, Hue, Day/Night (Color, Mono, Auto, Schedule), Flip, Mirror, Rotation, Gamma, Multiple Scene & Profile, Slow Shutter
	White Balance	Auto, Day/Night, Tungsten, Manual
	Corridor Mode	Supported
	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 24 regions	
AUDIO	Audio Compression	G.711 U, G.711A, G.726, RAW_PCM
	Audio Bit Rate	8 kbps, 16 kbps
	Audio I/O	1/1
	Built-in Mic	Supported
SMART	Behavior Detection	Intrusion (Perimeter), Crossline (Tripwire), Double Crossline (Double Tripwire)
	Intelligent Identification	Loitering, Multi Loitering, Abandoned Object (Object Left), Missing Object (Object Lost)
	Statistical Analysis	Face Detection, People Counting, Crowd Detection, Human & Vehicle Detection, Abnormal Video & Audio Detection, Wrong Way Detection, Illegal Parking, Tampering / Masking / Scene Change
	Alarm Management	Motion Detection, Tampering, Input & Output Event, Network Alarm, Disk Alarm (RAW Error), Day Night, Switch Alarm, Abnormal Audio Alarm, Pre/Post Alarm Recording, Alarm,Recording/Snapshot
	Alarm Notifications	E-mail (Notification & Snapshot), HTTP (Alarm icon), SFTP (Snapshot & Recording), SD Card (Recording)
INTERFACE	Protocols	TCP/IP, UDP, IPv4, IPv6, ICMP, HTTP, HTTPS, DHCP, DNS, DDNS, RTP, RTSPS, RTCP, PPPoE, NTP, UPnP, SMTP, IGMP, SFTP, SMB, CIFS, NFS, Bonjour, RTMP, Unicast, Multicast, QoS, ARP, SNMP, SNTP, SRTP, Telnet, SSL/TLS1.2
	Security	AES 256 Encryption, IP Filter, User Authentication (Multiple Privilege Level), 802.1X Authentication (EAP-MD5), HTTPS Authentication, RTSPS Authentication, Digest Authentication, User Access Log
	Compatibility	ONVIF Profile (S, G, T, M), SDK/API/CGI
	Network	1 x RJ45 10M/100M Self Adaptive Ethernet Port
	Alarm I/O	2/2
	Edge Storage	Micro SD Card Slot, up to 2 TB
	ANR	Supported
	Cable Interface	Pig Tail
	Remote Connection	≤10
	Max. User	32
Web Language	7	

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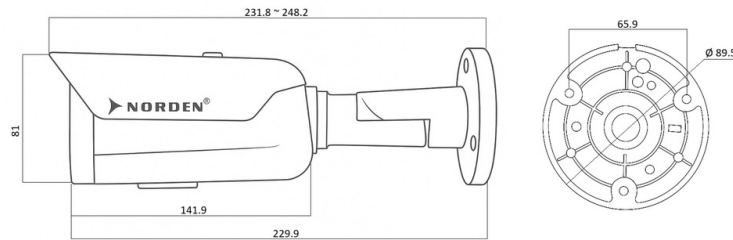
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## ENC-HBU7M-100R-109

MODEL		ENC-HBU7M-100R-109
Type		4MP LOWLIGHT BULLET CAMERA
GENERAL	Power Supply	12V DC , PoE (IEEE 802.3af)
	Max. Power Consumption	≤10.5 W
	Working Temperature	-20° C ~ 60° C
	Working Humidity	≤95% RH
	Ingress Protection	IP67
	Vandal Resistant	IK10
	Surge Protection	TVS4000V
	Reset Button	Supported
	Dimensions	Adjustable (231.8 ~ 248.2)×89.5×81 mm
	Net Weight	0.87 Kg

Dimension Unit : mm



### ORDERING INFORMATION

Part Number	Description	Standard Quantity
ENC-HBU7M-100R-109 (With 2.7 ~ 13.5 mm Motorized Lens and DC Iris)	4MP Lowlight IR IP H.265 Bullet Camera with 2.7 to 13.5 mm Motorized Lens, PoE, SD card slot, WDR, Smart Analytics and 100m IR Support	1
ENC-HBU7M-100R-109 (With 2.7 ~ 13.5 mm Motorized Lens and P Iris)	4MP Lowlight IR IP H.265 Bullet Camera with 2.7 to 13.5 mm Motorized Lens, PoE, SD card slot, WDR, Smart Analytics and 100m IR Support	1
ENC-HBU7M-100R-109 (With 5 ~ 50 mm Motorized Lens and DC Iris)	4MP Lowlight IR IP H.265 Bullet Camera with 5 to 50 mm Motorized Lens, PoE, SD card slot, WDR, Smart Analytics and 100m IR Support	1
ENC-HBU7M-100R-109 (With 5 ~ 50 mm Motorized Lens and P Iris)	MP Lowlight IR IP H.265 Bullet Camera with 5 to 50 mm Motorized Lens, PoE, SD card slot, WDR, Smart Analytics and 100m IR Support	1

### PACKING INFORMATION

Part Number	Packing Mode	Gross weight(Kg)	Dimension(mm)
ENC-HBU7M-100R-109	Carton Box	-	-

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