

# 2 Megapixel LPR Vandal-proof Motorized Mini Bullet Network Camera



IP67 + IK10

Motorized Lens

MS-C2964-(Q)(R)F(I)LPB

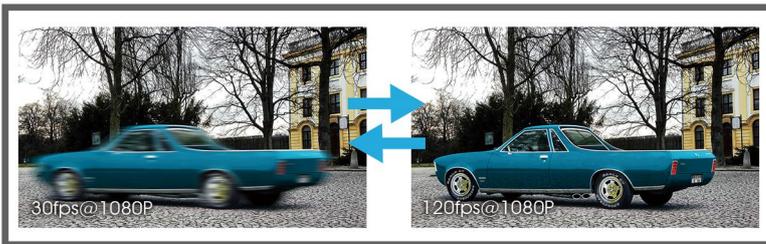
**DATASHEET**

## KEY FEATURES

- ▶ **Smart Stream** (Bandwidth, storage and bit rate are saved with Smart Stream On, eg, H.265+ saves 70%~80% bandwidth that of H.264.)
- ▶ **Smart IR II** (Combining the High Beam and Low Beam to adjust IR intensity to fit different lighting conditions.)
- ▶ **Advanced Functions** (Boasting to support various advanced functions such as HLC, Defog, ROI.)
- ▶ **256G** (Supporting ultra-large external microSD/SDHC/SDXC card storage up to 256G.)
- ▶ **Adjustable 3-Axis Bracket** (Providing a robust mounting platform for angle adjustments on a 3-axis plane.)

### License Plate Recognition

Embedded in camera with no PC server required, the LPR allows network cameras to capture real-time license plate in both the highest levels of glare and the darkest hours of the night.

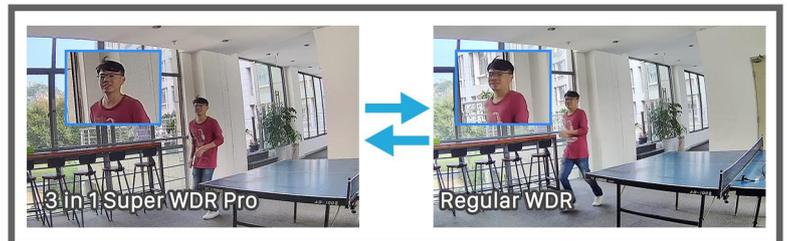


### 120fps

With the industry leading frame rate reaching 120fps, the cameras can easily catch images with no latency despite of the high-speed movement, which is the best choice for the demanding requirements especially for intelligent cameras.

### 3 in 1 Super WDR Pro - 140dB

Milesight upgraded 3 in 1 Super WDR Pro outputs three frames each line, which is able to bring more details especially moving subjects. What's more, it greatly improves image quality for reducing smear and noisy points. The ratio that the brightest light signal values divided by the darkest light signal values is up to 140dB.



### 0.002Lux Ultra Low-light

The starlight camera is able to deliver high detailed color images even in low light environment reaching 0.002Lux(Color) or 0Lux(B/W), and near infrared light environments without any supplementary lighting.

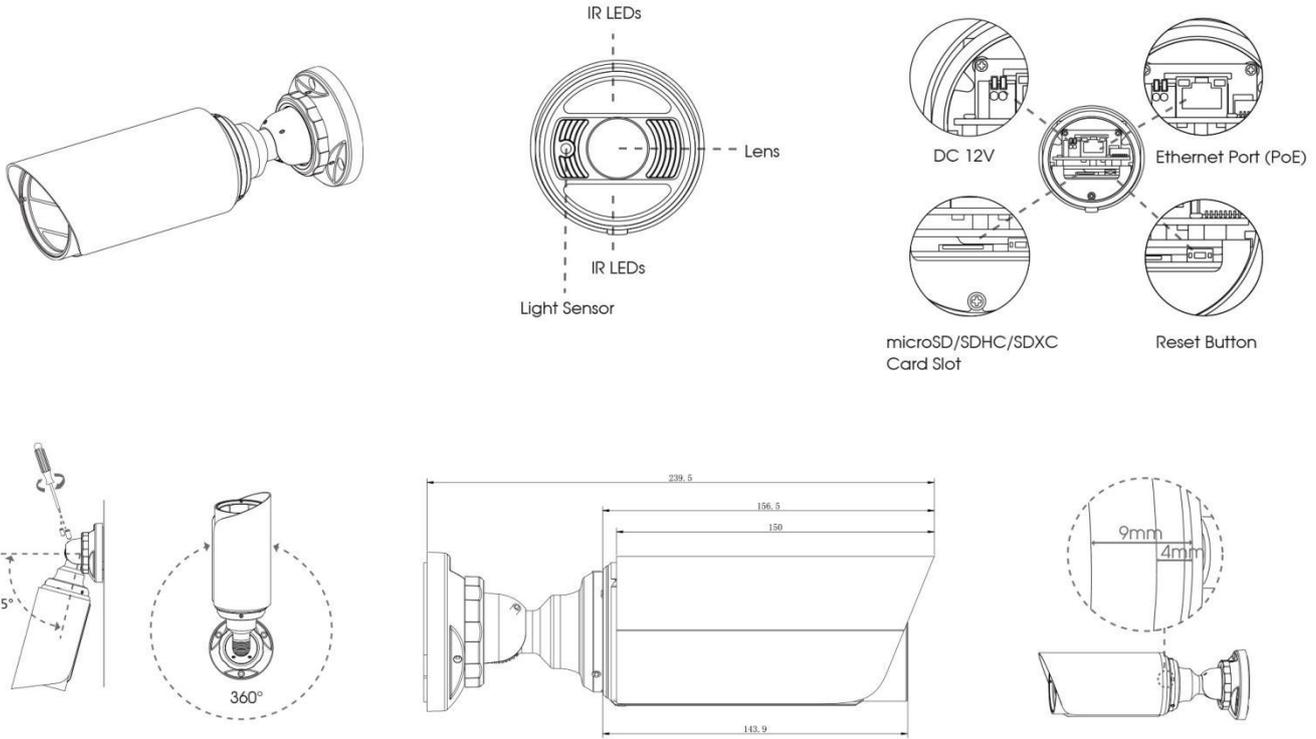


	Model	MS-C2964-(Q)(R)F(I)LPB (2MP)
Camera	Image Sensor	1/2.8" Progressive Scan CMOS
	Min. Illumination	Color: 0.002Lux@F1.2 B/W: 0Lux with IR on
	WDR	140dB Super WDR ( <b>Super WDR Pro is optional for Q Series</b> )
	Lens	Motorized 2.8~12mm/3.0~10.5mm/7~22mm @F1.4 P-Iris(Optional)
	Mount	Φ14
	Field of View	H84°~H31°/D94°~D35°/V46°~V15°(2.8~12mm) H87°~H29°/D99°~D32°/V45°~V14°(3~10.5mm) H34°~H14°/D37°~D15°/V19°~V7°(7~22mm)
	Shutter Time	1/100000s~1s
	IR Distance	Up to 45m
	Day&Night	ICR Filter Auto Switch
	Max. Vehicle Speed	120km/h
Video	Max. Image Resolution	1920x1080
	Primary Stream	<b>120fps@(1920x1080)(Optional for Q Series)</b> , 60fps@(1920x1080, 1280x960, 1280x720, 704x576)
	Secondary Stream	<b>120fps@(704x576)(Optional for Q Series)</b> , 60fps@(704x576, 640x480, 640x360, 352x288, 320x240, 320x192, 320x176)
	Tertiary Stream	30fps@(1920x1080, 1280x720, 704x576, 640x480, 640x360, 320x240, 320x192, 320x176)
	Video Compression	H.265 <sup>+</sup> /H.265(HEVC)/H.264 <sup>+</sup> /H.264/MJPEG
	Video Bit Rate	16Kbps~16Mbps(CBR/VBR Adjustable)
	Image Setting	Brightness/Contrast/Saturation/Sharpness
Network	Ethernet	1*RJ45 10M/100M Ethernet Port
	Network Storage	NAS(Support NFS, SMB/CIFS)
	Protocol	IPv4/IPv6, TCP, UDP, RTP, RTSP, RTCP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, SIP, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL
System	Storage	Support microSD/SDHC/SDXC Card Local Storage, up to 256G
	Advanced Function	Privacy Masking, Backlight Compensation, HLC, 2D DNR, 3D DNR, ROI, Anti-fog, White Balance, EIS, IP Address Filtering
	SIP/VoIP Support	Yes, Voice & Video-over-IP
	Event Trigger	Black/White List, Motion Detection, Network Disconnection, etc.
	Event Action	FTP Upload, SMTP Upload, SD Card Record, SIP Phone, HTTP Notification, etc.
	License Plate Recognition	Support
General	System Compatibility	ONVIF Profile S & G
	Working Temperature	-40℃~60℃
	Working Humidity	0~90%(Non-condensing)
	Power Supply	PoE (802.3af)/ DC 12V±10%
	Power Consumption	8W MAX 11.5W MAX (With IR on)
	Weather Proof	Up to IP67-rated for Weather-resistant Performance
	Housing	Vandal-proof IK10-rated Metal Housing
	Weight	825g
	Dimensions	Φ76mmX239.5mm
Warranty	3/5 Years	

# LPR H.265 Vandal-proof Motorized Mini Bullet Network Camera



## Structure Diagrams



Units: mm

## Accessories Support

A01 Pole Mount

Weight: 720g  
Dimensions: 170\*51.5\*152.6mm



A02 Internal Corner Bracket

Weight: 540g  
Dimensions: 170\*23.2\*205.3mm



A03 External Corner Bracket

Weight: 900g  
Dimensions: 170\*152.6\*76.3mm



A63 Junction Box

Weight: 620g  
Dimensions: 134\*127\*40mm



## Naming Convention



Milesight Technology Co.,Ltd. | [www.milesight.com](http://www.milesight.com)

Contact Us: [sales@milesight.com](mailto:sales@milesight.com) | [support@milesight.com](mailto:support@milesight.com)

Add: 220 NE 51st Street, Oakland Park, Florida 33334, USA  
Tel: +1-800-561-0485

Add: 925, Anyang SK V1 Center, LS-ro 116beon-gil, Dongan-gu, Anyang-si, Korea  
Tel: +82-31-990-7772

Add: No.23 Wanghai Road, 2nd Software Park, Xiamen, China  
Tel: +86-592-5922772

