

4K H.265 ABF Pro Box Network Camera



MS-C8151-(E)PB

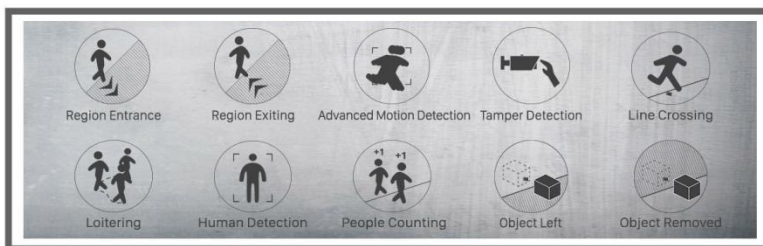
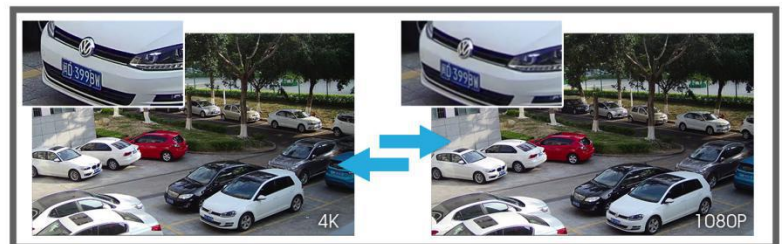
DATASHEET

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.)
- ▶ **Auto Back Focus** (Enabling camera to adjust back focal length automatically.)
- ▶ **Advanced Functions** (Boasting to support various advanced functions such as HLC, Defog, ROI.)
- ▶ **ICR Filter** (Filtering the infrared ray out in the day, and automatically switch day and night mode.)
- ▶ **RS485 port** (Connecting an external electrical rotating bracket with the camera to realize PTZ control through WEB/ NVR/ CMS/ VMS/ APP interfaces.)
- ▶ **128G** (Supporting ultra-large external microSD/SDHC/SDXC card storage up to 128G.)

4K Video Viewing Experience

Milesight 4K H.265 Network Camera delivers up to 4K resolution (3840*2160, effectively four times that of Full HD) at 15 frames per second (fps), providing users with ultra-high-definition video viewing experience.

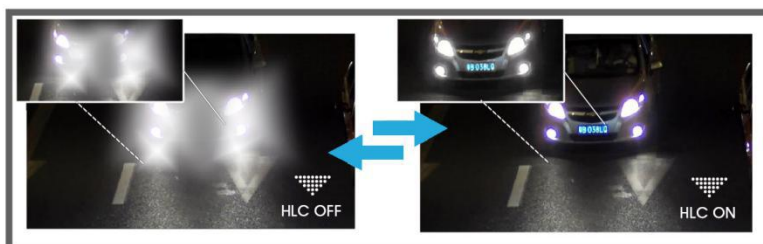


Video Content Analysis

Milesight VCA with 10 detection modes provides advanced, accurate smart video analysis for Milesight network cameras, enabling the comprehensive surveillance function and quicker response to different monitoring scenes.

120dB Super WDR

Milesight's sensor-based WDR technology allows the camera to record greater scene details with true color reproduction even under the extreme back light and high contrast conditions. The ratio that the brightest light signal values divided by the darkest light signal values is up to 120dB.



HLC

HLC(High Light Compensation) can identify the high light spot and adjust the expose time to compensate for the area around strong light spots to present a distinct image, which is much usable in capturing vehicle plate license under car headlights.

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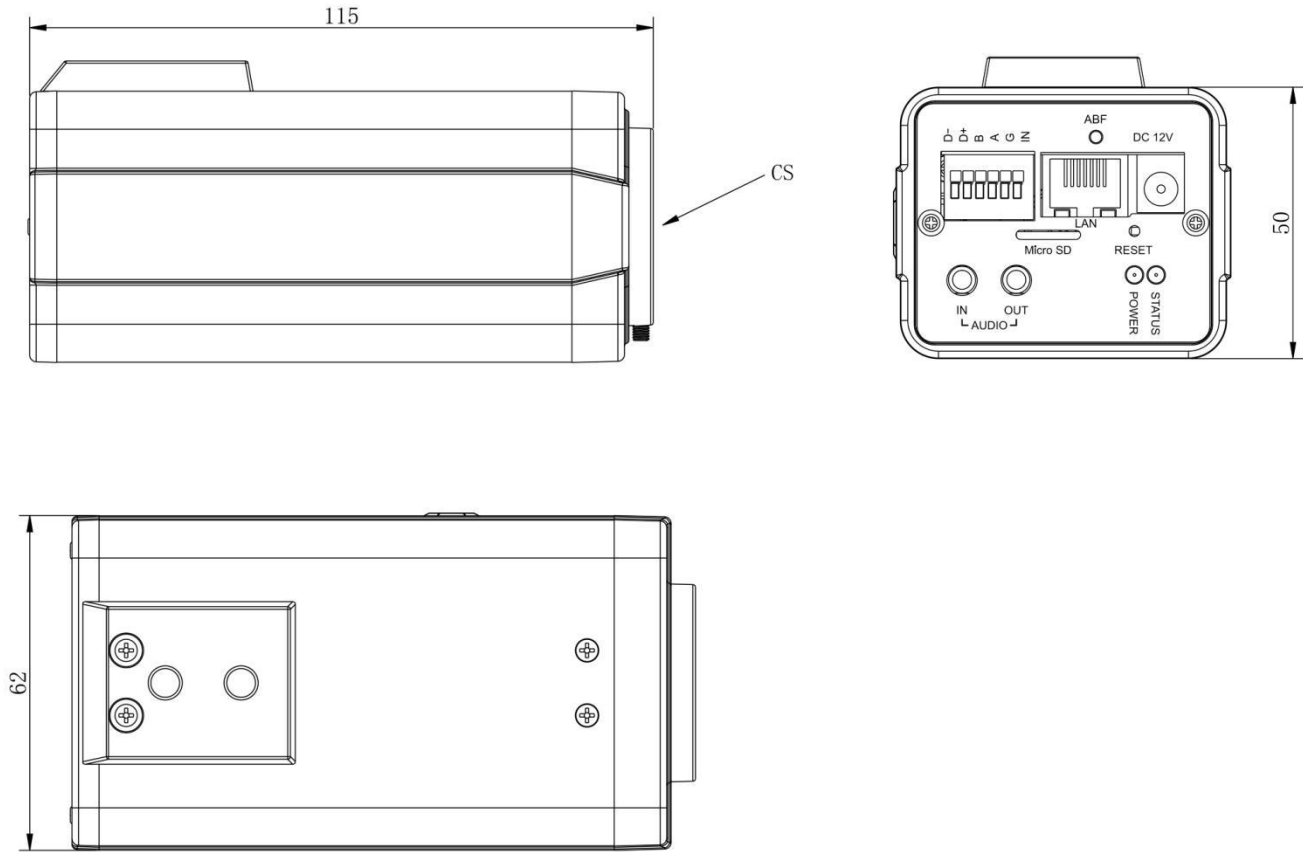


| | Model | MS-C8151-(E)PB (4K) |
|----------------------|---------------------------|---|
| Camera | Image Sensor | 1/2.5" Progressive Scan CMOS |
| | Min. Illumination | Color: 0.01Lux@F1.2 B/W: 0.005Lux@F1.2 |
| | WDR | Super WDR up to 120dB |
| | Mount | C/CS |
| | Iris | P-Iris/DC-Iris |
| | Shutter Time | 1/100000s~1s |
| | Day&Night | ICR Filter Auto Switch |
| | Video | Max. Image Resolution |
| Primary Stream | | 15fps@(3840x2160), 30fps@(3072x2048, 2592x1944, 2592x1520, 2048x1536, 1920x1080, 1280x960, 1280x720, 704x576) |
| Secondary Stream | | 30fps@(704x576, 640x480, 640x360, 352x288, 320x240, 320x192, 320x176) |
| Tertiary Stream | | 30fps@(1920x1080, 1280x720, 704x576, 640x480, 640x360, 320x240, 320x192, 320x176) |
| Video Compression | | H.265+/H.265(HEVC)/H.264+/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 |
| Audio | Audio Compression | G.711/AAC |
| | Audio I/O | 1/1 |
| System | Alarm I/O | 1/1 |
| | Auto Back Focus | Support(Optional) |
| | Storage | Support microSD/SDHC/SDXC Card Local Storage, up to 128G |
| | Advanced Function | Motion Detection, 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 | Motion Detection, Network Disconnection, Audio Alarm, External Input, etc. |
| | Event Action | FTP Upload/ SMTP Upload/ SD Card Record/ External Output/ SIP Phone |
| | Video Analysis (Optional) | Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Human Detection, People Counting, Object Left, Object Removed |
| System Compatibility | ONVIF Profile S & G | |
| General | Working Temperature | -40°C~60°C |
| | Working Humidity | 0~90%(Non-condensing) |
| | Power Supply | PoE (802.3af)/ DC 12V±10% |
| | Power Consumption | 2.5W MAX for -PB Series 7W MAX for -EPB Series |
| | Weight | 407g |
| | Dimensions | 115mmX62mmX50mm |
| | Warranty | 3/5 Years |

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Structure Diagrams



Units: mm

Accessories Support

A51 Protective Housing

Weight: 1988g

Dimensions: 380*150*H mm(H is adjustable)



Naming Convention



Milesight Technology Co.,Ltd. | www.milesight.com

Contact Us: sales@milesight.com support@milesight.com

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

Add: 9F/901, Star Valley B/D Digital-ro 9gil 99, Geumcheon-gu, Seoul, Korea
Tel: +82-2-839-3335

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

