

# 2/3/4/5 Megapixel H.265 ABF Pro Box Network Camera



MS-C2851-(R)PB/MS-C2951-(T)(R)(E)PB/  
MS-C3751-PB/MS-4451-(H)(E)PB/  
MS-C5351-(H)(E)PB

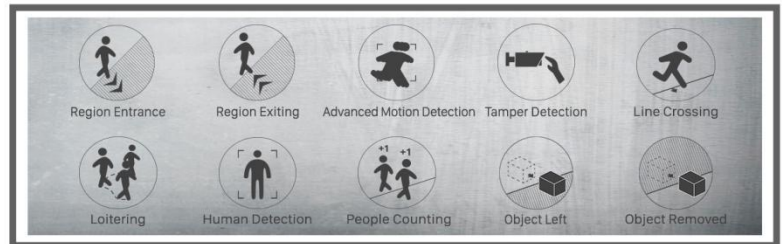
**DATASHEET**

## 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.)
- ▶ **140dB Super WDR** (Excellent performance even when the ratio of the luminosity of brightest and darkest is up to 140dB.)
- ▶ **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.)

## 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.



## 0.001Lux Ultra Low-light

The starlight camera is able to deliver high detailed color images even in low light environment reaching 0.001Lux(Color) or 0.001Lux(B/W), and near infrared light environments without any supplementary lighting.

## 90fps

The high frame rate ups to 90fps@1080P resolution, which triples the number of frames offered by conventional HD network cameras. It enable Milesight cameras to capture real-time and low-latency images of fast moving objects clearly.



## 3 IN 1 WDR Pro

The next generation WDR Pro outputs three frames each line, which is able to bring more details especially for moving objects. What's more, it greatly improves image quality for reducing smear. By performing special signal processing, the feature enables to improve pictures' quality especially under low illumination.

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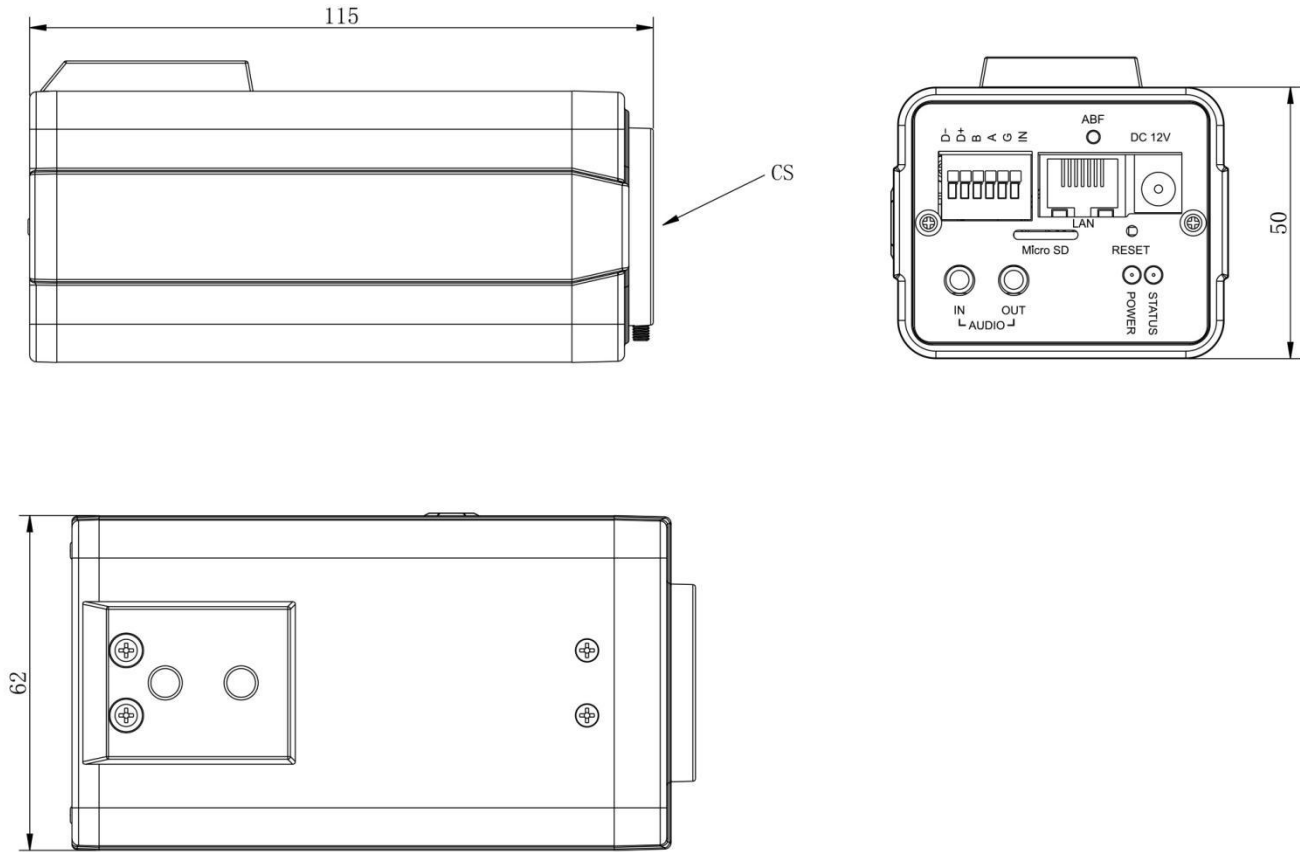


	Model	MS-C2851-(R)PB (2MP)	MS-C2951-(T)(R)(E)PB (2MP)	MS-C3751-PB (3MP)	MS-C4451-(H)(E)PB (4MP)	MS-C5351-(H)(E)PB (5MP)	
<b>Camera</b>	Image Sensor	1/2" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS		1/3" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	
	Min. Illumination	Color: 0.001Lux@F1.2 B/W: 0.0005Lux@F1.2	Color: 0.002Lux@F1.2 B/W: 0.001Lux@F1.2	Color: 0.005Lux@F1.2 B/W: 0.002Lux@F1.2	Color: 0.008Lux@F1.2 B/W: 0.004Lux@F1.2	Color: 0.005Lux@F1.2 B/W: 0.002Lux@F1.2	
	WDR	Super WDR up to 140dB			Super WDR up to 120dB		
	Mount	C/CS					
	Iris	P-Iris/DC-Iris					
	Shutter Time	1/100000s~1s					
	Day&Night	ICR Filter Auto Switch					
<b>Video</b>	Max. Image Resolution	1920x1080		2048x1536	2592x1520	2592x1944	
	Primary Stream	60fps@(1920x1080) (Optional), 30fps@(1920x1080, 1280x960, 1280x720, 704x576)	90fps@(1920x1080) (Optional for T Series), 60fps@(1920x1080) (Optional for R Series), 30fps@(1920x1080, 1280x960, 1280x720, 704x576)	30fps@(2048x1536, 1920x1080, 1280x960, 1280x720, 704x576)	30fps@(2592x1520) (Optional), 20fps@(2592x1520), 30fps@(2304x1296, 1920x1080, 1280x960, 1280x720, 704x576)	30fps@(2592x1944) (Optional), 20fps@(2592x1944), 30fps@(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					
<b>Network</b>	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					
<b>Audio</b>	Audio Compression	G.711/AAC					
	Audio I/O	1/1					
<b>System</b>	Alarm I/O	1/1					
	Auto Back Focus	N/A	Support(Optional)	N/A	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					
<b>General</b>	System Compatibility	ONVIF Profile S & G					
	Working Temperature	-40°C~60°C					
	Working Humidity	0~90%(Non-condensing)					
	Power Supply	PoE (802.3af)/ DC 12V±10%					
	Power Consumption	3.5W MAX for -PB Series	2.5W MAX for -PB Series 7W MAX for -EPB Series	3W MAX for -PB Series	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

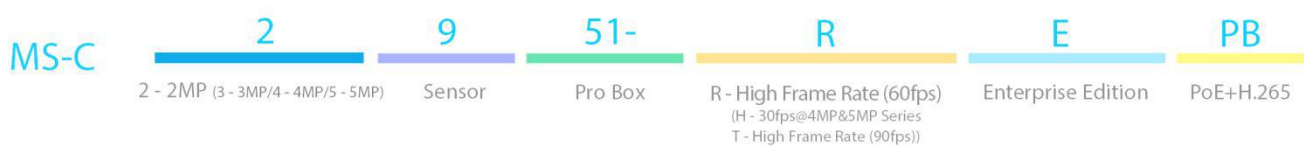
A51 Protective Housing

Weight: 1988g

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



## Naming Convention



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