AI Pro Box Plus Network Camera

Milesight

NDAA ✓

AI | H.265⁺ HEVC | Starlight | Super WDR | 3D Noise Reduction

Privacy Masking | SDXC | GQST OnVIF | PoE | Motion Detection
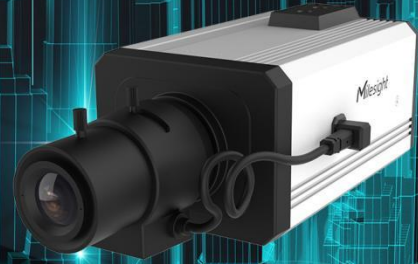
KEY FEATURES

- ▶ NDAA Compliance (The fully NDAA-compliant products are well suited for government, defense and a range of projects subject to the NDAA.)
- ▶ 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.)
- ▶ 256G (Supporting ultra-large external microSD/SDHC/SDXC card storage up to 256G.)
- ▶ Smart Stream (Bandwidth, storage and bit rate are saved with Smart Stream On, eg, H.265⁺ saves 70%~80% bandwidth that of H.264.)

AI Video Analytics

The AI Camera Series can intelligently filter objects to focus on human and vehicle detection in multiple events such as Region Entrance, Region Exiting, Loitering, Advanced Motion Detection, etc.


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.
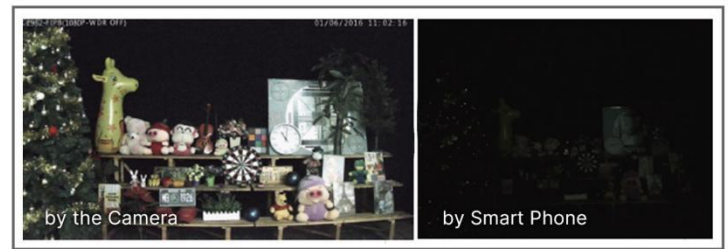
120dB Super WDR

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.

Super WDR OFF — Super WDR ON
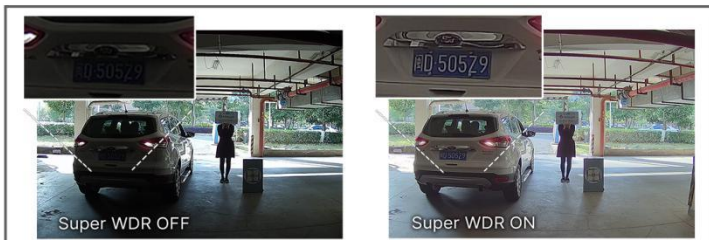
Various Zoom Lens Supported

The AI Pro Box Plus Camera allows the user to choose different zoom lens and the various lens can provide new perspectives, which perfectly caters to the needs for flexible surveillance.
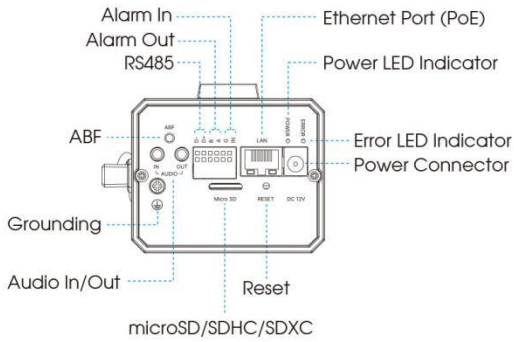
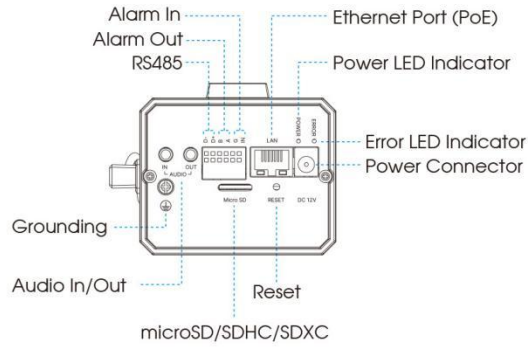| Model	MS-C2952-PD (2MP)
Camera	
Image Sensor	1/2.8" Progressive Scan CMOS
Min. Illumination	Color: 0.002Lux@F1.2 B/W: 0.001Lux@F1.2
WDR	120dB Super WDR
Mount	C/CS
Shutter Time	1/100000s~1s
Day/Night Mode	Day/Night/Auto/Customize/Schedule
S/N	>55dB
Video	
Max.Image Resolution	1920x1080
Primary Stream	60Hz: 30fps@(1920x1080, 1280x960, 1280x720, 704x576) 50Hz: 25fps@(1920x1080, 1280x960, 1280x720, 704x576)
Secondary Stream	60Hz: 30fps@(704x576, 640x480, 640x360, 352x288) 50Hz: 25fps@(704x576, 640x480, 640x360, 352x288)
Tertiary Stream	60Hz: 30fps@(1280x720, 704x576, 640x480, 640x360, 352x288) 50Hz: 25fps@(1280x720, 704x576, 640x480, 640x360, 352x288)
Video Compression	H.265$^+$/H.265(HEVC)/H.264$^+$/H.264/MJPEG
Video Bit Rate	16Kbps~16Mbps(CBR/VBR Adjustable)
Privacy Masking	Up to 4 areas
ROI	Up to 8 areas
Image Setting	Brightness/Contrast/Saturation/Sharpness
Interface	
Ethernet	1*RJ45 10M/100M Ethernet Port
Audio I/O	1/1
Alarm I/O	1/1
Network	
Network Storage	NAS(Support NFS, SMB/CIFS), ANR
Protocol	IPv4/IPv6, ARP, TCP, UDP, RTCP, RTP, RTSP, RTMP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP, SNMP, UPnP, Bonjour, SIP, PPPoE, VLAN, 802.1x, QoS, IGMP, ICMP, SSL
Audio	
Audio Compression	G.711/AAC/G.722/G.726
Audio Sampling Rate	8/16/32/48KHz
Audio Bit Rate	16~256kbps
Two-way Audio	Support

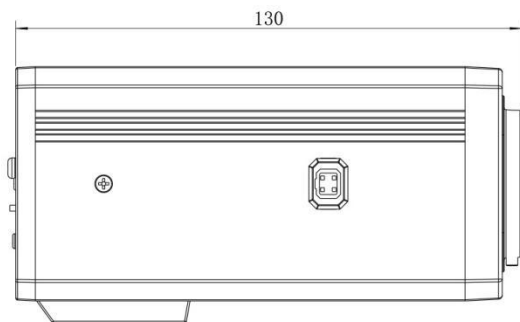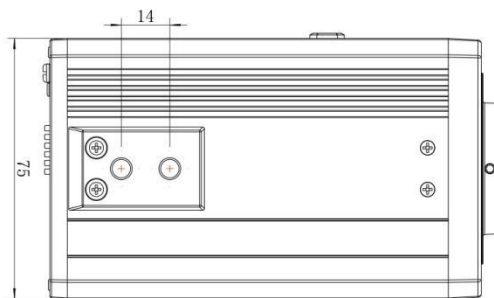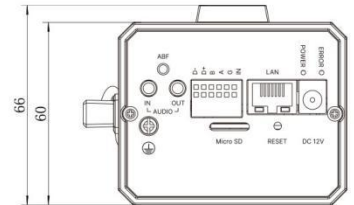| Intelligent Analytics	Video Analysis	Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Object Left, Object Removed
System	Storage	Support microSD/SDHC/SDXC Card Local Storage, up to 256G
	Advanced Function	BLC, HLC, 2D DNR, 3D DNR, Defog, AWB, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur
	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, HTTP Notification, etc.
	System Compatibility	ONVIF Profile G & Q & S & T, API
General	Working Temperature	-40℃~60℃
	Working Humidity	0~90%(Non-condensing)
	Power Supply	PoE (802.3af) / DC 12V±10%
	Power Consumption	3W MAX
	Weight	366g
	Dimensions	130mmX75mmX66mm
	Warranty	3/5 Years

V8.04

Structure Diagrams

(ABF)

(Non-ABF)

Units: mm

Accessories Support

A51 Protective Housing

Weight: 1988g
Dimensions: 380*150*H mm (H is adjustable)