

2/3/4/5 Megapixel H.265+ Day&Night Pro Box Network Camera



UI-2A51-PCV/UI-3B51-PCV/
UI-4C51-PCV/UI-5D51-PCV

DATASHEET

KEY FEATURES

- ▶ **H.265+** (70~80% reduction in bandwidth, storage and bit rate compared with 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.)

Video Content Analysis

Milesight VCA with 8 detection modes provides advanced, accurate smart video analysis for Milesight network cameras, enabling the comprehensive surveillance function and quicker response to different monitoring scenes.



0.002Lux Ultra Low-light

The starlight camera is able to deliver high detailed color images even in low light environment reaching 0.002Lux(Color) or 0.001Lux(B/W), and near infrared light environments without any supplementary lighting.

140dB 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 140dB.



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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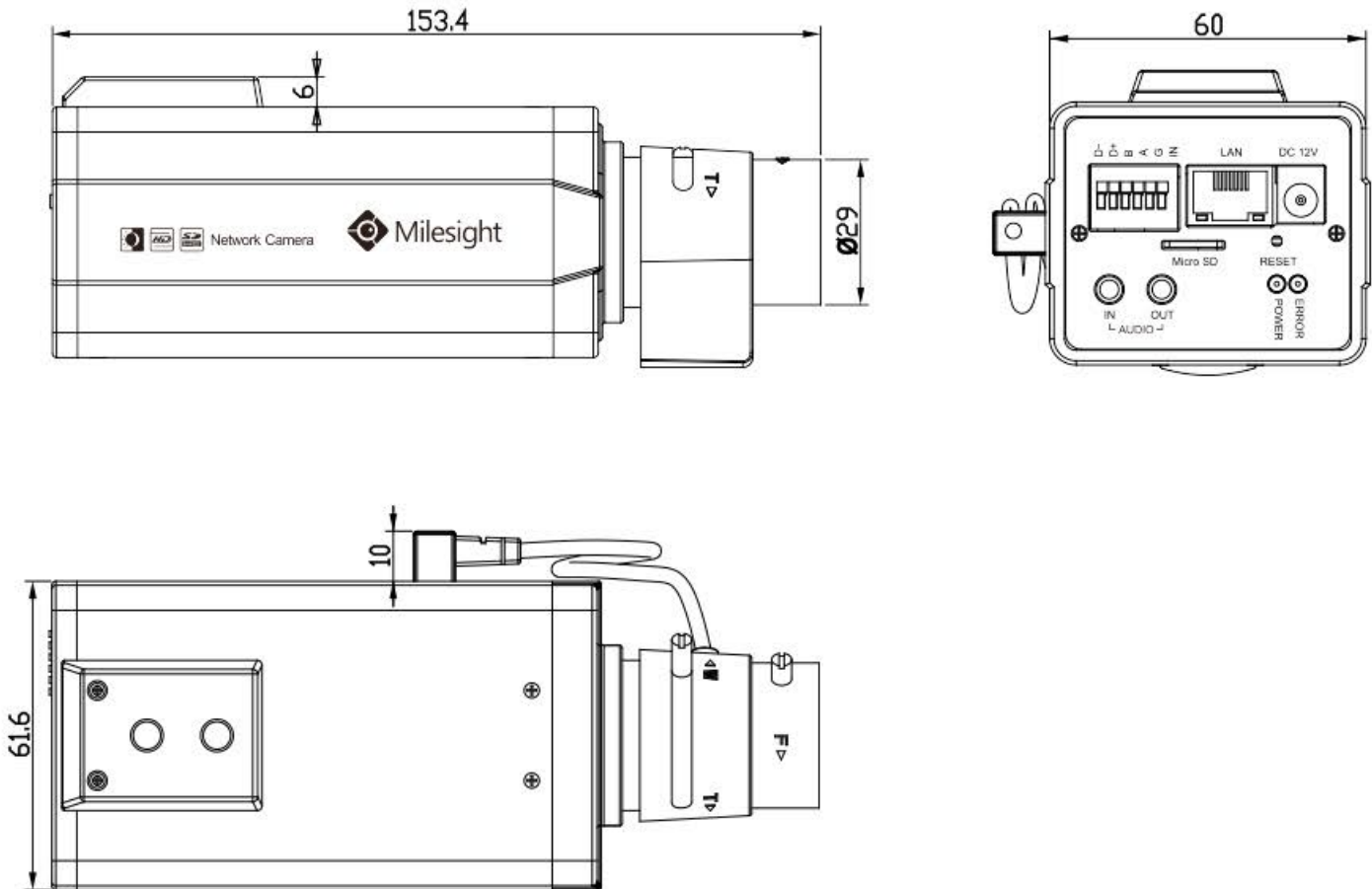


	Model	UI-2A51-PCV (2MP)	UI-3B51-PCV (3MP)	UI-4C51-PCV (4MP)	UI-5D51-PCV (5MP)
Camera	Image Sensor	1/2.8" Progressive Scan CMOS		1/3" Progressive Scan CMOS	1/2.9" Progressive Scan CMOS
	Min. Illumination	Color: 0.002Lux@F1.2 B/W: 0.001Lux@F1.2	Color: 0.005Lux@F1.2 B/W: 0.002Lux@F1.2	Color: 0.008Lux@F1.2 B/W: 0.004Lux@F1.2	Color: 0.006Lux@F1.2 B/W: 0.003Lux@F1.2
	WDR	Super WDR up to 140dB	Super WDR up to 120dB		
	Mount	C/CS			
	Shutter Time	1/100000s-1/5s			
	Day&Night	ICR Filter Auto Switch			
Video	Max. Image Resolution	1920×1080	2048x1536	2592×1520	2560×1920
	Primary Stream	30fps@(1920×1080, 1280×960, 1280×720, 704x576)	30fps@(2048x1536, 1920×1080, 1280×960, 1280×720, 704x576)	20fps@(2592×1520), 30fps@(2304x1296, 1920×1080, 1280×960, 1280×720, 704x576)	20fps@(2560×1920, 2592×1520), 30fps@(2304x1296, 1920×1080, 1280×960, 1280×720, 704x576)
	Secondary Stream	30fps@(704x576, 640×480, 640×360, 352x288, 320x240, 320x192, 320x176)			
	Tertiary Stream	30fps@(1920×1080, 1280×720, 704×576, 640×480, 640×360, 320×240, 320x192, 320x176)			
	Video Compression	H.265+/H.265(HEVC)/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			
Audio	Audio Compression	G.711/AAC			
	Audio I/O	1/1			
System	Alarm I/O	1/1			
	Storage	Support microSD/SDHC/SDXC Card Local Storage, up to 128G			
	Advanced Function	Motion Detection, Privacy Masking, Backlight Compensation, HLC, 3D-DNR, ROI, Anti-fog			
	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	Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Human Detection, People Counting			
System Compatibility	ONVIF Profile S				
General	Working Temperature	-30℃~60℃			
	Working Humidity	0~90%(Non-condensing)			
	Power Supply	PoE/ DC 12V±10%			
	Power Consumption	2.5W MAX	3W MAX	2.5W MAX	
	Weight	375g			
	Dimensions	116mmX60mmX50mm			
	Warranty	3 Years			

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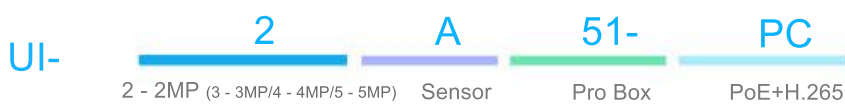


Structure Diagrams



Units: mm

Naming Convention



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