OmniTech LINK

AI Motorized Bullet Network Camera

IP67 + IK10

Motorized Lens

AI	H.265+ HEVC	Starlight	Super WDR	IR	3-Axis
Privacy Masking	SDXC	GMST Onvif	POE	Weather-proof	Vandal-proof

DATASHEET
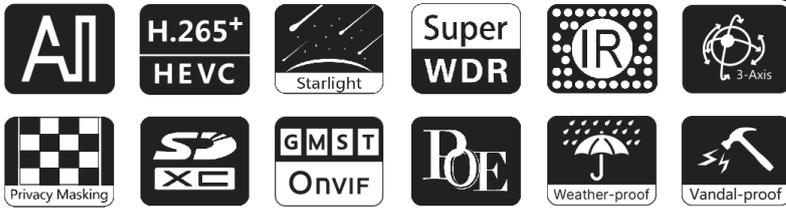
► NDAA Compliance (The fully NDAA-compliant products are well suited for government, defense and a range of projects subject to the NDAA.)

► Smart IR II (Combining the High Beam and Low Beam to adjust IR intensity to fit different lighting conditions.)

► 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, ROI.)

► 1TB (Supporting ultra-large external microSD/SDHC/SDXC card storage up to 1TB.)

► Adjustable 3-Axis Bracket (Providing a robust mounting platform for angle adjustments on a 3-axis plane.)

► 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

● 8 intelligent VCA modes powered by AI engine, which can intelligently filter objects to focus on human and vehicle detection.

● People Counting technology provides high accuracy and real-time data based on AI algorithm with statistic reports.

● Face Detection function detects human faces in the monitoring scene and captures the snapshots, which greatly enhances the monitoring efficiency.

0.005Lux Ultra Low-lightt

The starlight camera is able to deliver high detailed color images even in low light environment reaching 0.005Lux(Color) or 0Lux(B/W), and near infrared light environments without any supplementary lighting.
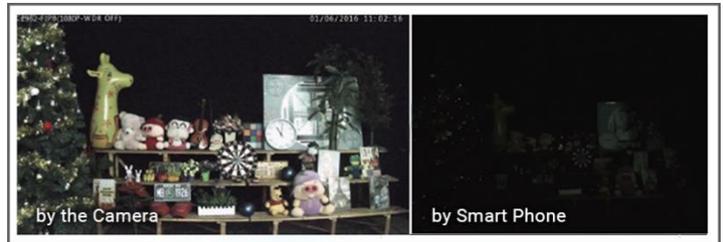
30fps@4K

Providing 4K HD resolution with frame rate of 30fps, the camera performs well in catching detailed image regardless of the moving speed.

Integrated Junction Box

The well-designed integrated Junction Box especially the Clamshell structure ensures efficient and simple installation. It enlarges the space to make cable connection neat and as easy as a piece of cake.

AI Motorized Bullet Network Camera

	Model	OTL-C2964-R(T)F(I)PE (2MP)	OTL-C5364-F(I)PE (5MP)	OTL-C8164-F(I)PE (4K)
Camera	Image Sensor	1/2.8" Progressive Scan CMOS		
	Min. Illumination	Color: 0.005Lux@F1.4 B/W: 0Lux with IR on	Color: 0.008Lux@F1.4 B/W: 0Lux with IR on	Color: 0.012Lux@F1.4 B/W: 0Lux with IR on
	WDR	140dB Super WDR	120dB Super WDR	
	Shutter Time	1/100000s~1s		
	IR Distance	Up to 50m		
	Day/Night Mode	Day/Night/Auto/Customize/Schedule		
	S/N	>55dB		
Lens	Lens	Motorized 2.7~13.5mm/3.0~10.5mm/7~22mm@F1.4 P-Iris(Optional)		Motorized 2.7~13.5mm@F1.4 P-Iris(Optional)
	Field of View	H111°~H34°/D130°~D39°/V60°~V19° (2.7~13.5mm) H100°~H33°/D115°~D38°/V54°~V18° (3.0~10.5mm) H42°~H17°/D48°~D19°/V24°~V9° (7~22mm)	H99°~H31°/ D124°~D38°/V72°~V23° (2.7~13.5mm) H89°~H31°/D111°~D38°/V66°~V23° (3.0~10.5mm) H37°~H15°/D46°~D19°/V28°~V11° (7~22mm)	H107°~H33°/D125°~D37° /V58°~V18°
	Mount	Φ14		
	Focus Control	Auto/Manual		
	Iris Control (Optional for I Series)	Auto/Manual		
Video	Max. Image Resolution	1920x1080	2592x1944	3840x2160
	Primary Stream	60Hz: **90fps@(1920x1080)(Optional for T Series),** 60fps@(1920x1080, 1280x960, 1280x720, 704x576) 50Hz: **90fps@(1920x1080)(Optional for T Series),** 50fps@(1920x1080, 1280x960, 1280x720, 704x576)	60Hz: 30fps@(2592x1944, 2592x1520), 45fps@(2048x1536), 60fps@(1920x1080, 1280x960, 1280x720) 50Hz: 25fps@(2592x1944, 2592x1520), 45fps@(2048x1536), 50fps@(1920x1080, 1280x960, 1280x720)	60Hz: 30fps@(3840x2160, 3072x2048, 2592x1944, 2592x1520, 2048x1536, 1920x1080, 1280x960, 1280x720, 704x576) 50Hz: 25fps@(3840x2160, 3072x2048, 2592x1944, 2592x1520, 2048x1536, 1920x1080, 1280x960, 1280x720, 704x576)
	Secondary Stream	60Hz: 60fps@(704x576, 640x480, 640x360, 352x288, 320x240) 50Hz: 50fps@(704x576, 640x480, 640x360, 352x288, 320x240)	60Hz: 30fps@(704x576, 640x480, 640x360, 352x288, 320x240) 50Hz: 25fps@(704x576, 640x480, 640x360, 352x288, 320x240)	
	Tertiary Stream	60Hz: 30fps@(1920x1080, 1280x720, 704x576, 640x480, 640x360, 352x288, 320x240) 50Hz: 25fps@(1920x1080, 1280x720, 704x576, 640x480, 640x360, 352x288, 320x240)		
	Video Compression	H.265+/H.265(HEVC)/H.264+/H.264/MJPEG		
	Video Bit Rate	16Kbps~16Mbps(CBR/VBR Adjustable)		

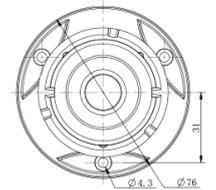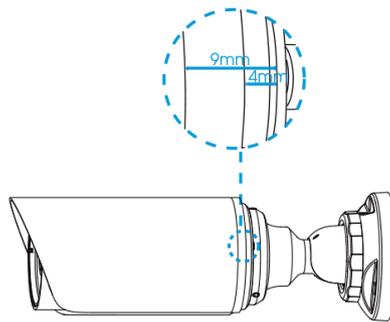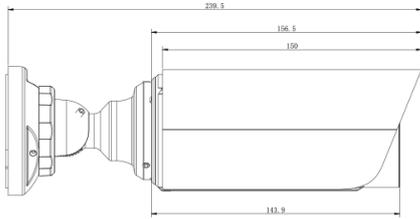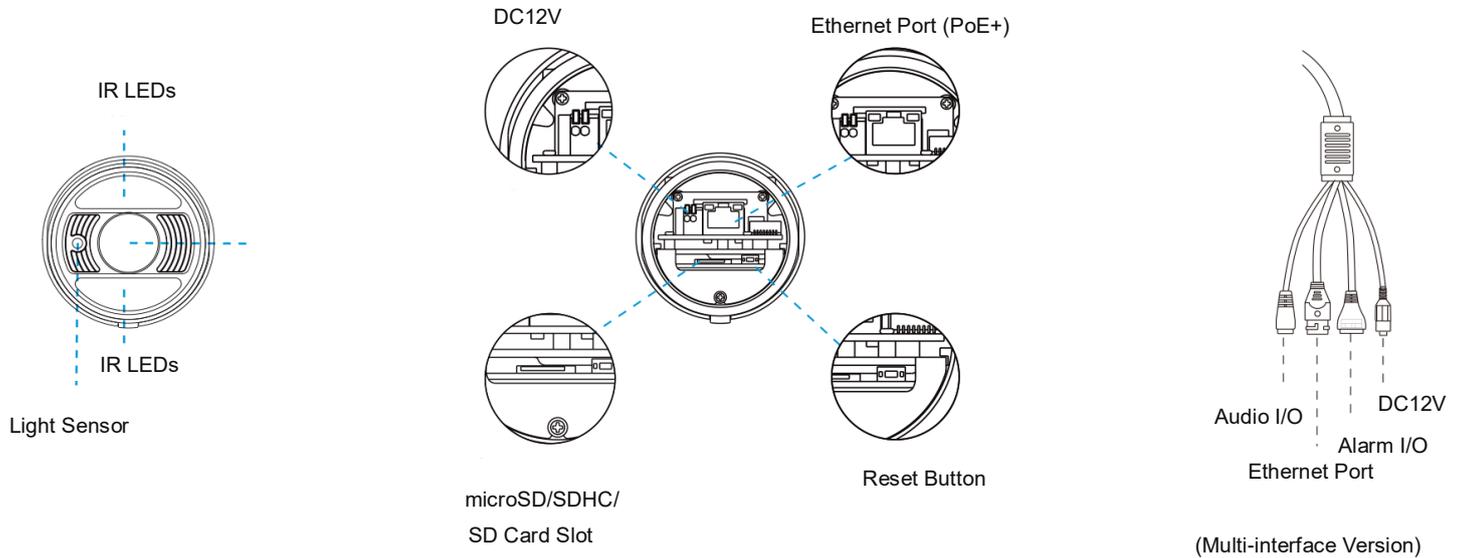|		
Video	Privacy Masking	Up to 8 Areas (Mask Area and Mosaic Area are optional)
	ROI	Up to 8 areas
	Image Setting	Brightness/Contrast/Saturation/Sharpness
Interface	Ethernet	1*RJ45 10M/100M Ethernet Port
	Audio I/O	1/1 (Multi-interface Version)
	Alarm I/O	1/1 (Multi-interface Version)
Network	Network 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,TLS 1.2
Audio	Audio Compression	G.711/AAC/G.722/G.726

Intelligent Analytics	Audio Sampling Rate	8/16/32/44.1/48KHz
	Audio Bit Rate	16~256kbps
	Two-way Audio	Support
	Video Analysis	Intrusion Detection, Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Object Left, Object Removed
	Face Detection&Face Attribute Recognition	Detect and capture faces, get real-time snapshots; The attributes include Age, Gender, Glasses, Mask and Cap; Support Faces Privacy Mode, the detected faces in the face detection area will be mosaic automatically.
	Object Counting & Report	Count the number of objects crossing the line, optionally human and vehicle, Support regional people counting for up to 4 detection areas
System	Storage	Support microSD/SDHC/SDXC Card Local Storage, up to 1TB
	Advanced Function	Heat Map, BLC, HLC, 2D DNR, 3D DNR, Defog, AWB, IP Address Filtering, AGC, Anti-flicker, Corridor Mode, Deblur, Watermark
	SIP/VoIP Support	Yes, Voice & Video-over-IP
	Event Trigger	Motion Detection, Network Disconnection, etc.
	Event Action	FTP Upload, SMTP Upload, SD Card Record, SIP Phone, HTTP Notification, etc.
	System Compatibility	ONVIF Profile G & M & S & T, API
General	Working Temperature	-40℃~60℃
	Working Humidity	0~95%(Non-condensing)
	Power Supply	PoE (802.3af) / DC 12V±10%
	Power Consumption	6W MAX / 10W MAX (With IR on)　　　6W MAX / 9W MAX (With IR on)
	Housing	Vandal-proof IK10-rated Metal Housing / Up to IP67-rated for Weather-resistant Performance
	Weight	825g
	Dimensions	Φ76mmX239.5mm
	Warranty	3/5 Years

Structure Diagrams

IR LEDs

DC12V

Ethernet Port (PoE+)

IR LEDs

Light Sensor

microSD/SDHC/
SD Card Slot

Reset Button

Audio I/O

DC12V

Alarm I/O

Ethernet Port

(Multi-interface Version)

239.5
156.5
150
143.9

9mm
4mm

Ø4.3   Ø76
31

Units: mm

Accessories Support

A01 Pole Mount

Weight: 720g

Dimensions: 170*51.5*152.6mm

A03 External Corner Bracket

Weight: 900g

Dimensions: 170*152.5*76.3mm

A63 Junction Box

Weight: 620g

Dimensions: 134*126*40mm