



**Rhodium**  
Professional Video Solution

**Diamond Series**

**NDAA**

## 2MP/5MP/4K AI Motorized Pro Bullet Plus Network Camera Series - IR 65/100M



### KEY FEATURES

- ▶ NDAA Compliance (Rhodium 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.)
- ▶ HLC (High Light Compensation. Improving image visibility under strong light sources.)
- ▶ 120dB Super WDR (Excellent performance even when the ratio of the luminosity of brightest and darkest is up to 120dB.)
- ▶ 90fps High Frame Rate (Camera can easily catch images with no latency despite of the high-speed movement.)
- ▶ 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.)

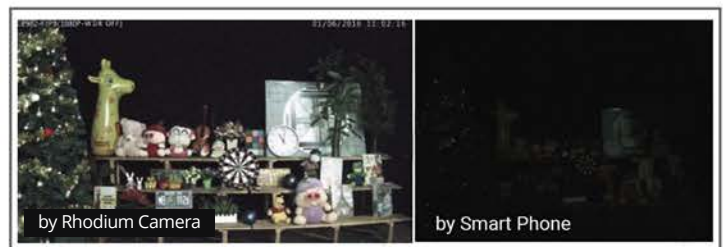
### AI Video Analytics

- 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.



### 0.002Lux Ultra Low-light

The starlight camera is able to deliver high detailed color images even in low light environment reaching 0.001Lux(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 Cable Management Bracket

Rhodium Integrated Cable Management provides easier and faster installation for the users. Versatile interfaces such as PoE, DC, Audio I/O and Alarm I/O are available. The well-designed integrated junction box also makes the cable connection neat and tidy.



# 2MP/5MP/4K AI Motorized Pro Bullet Plus Network Camera Series - IR 65/100M

	Model	RBU2866-TF(I)PA (2MP)	RBU2966-R(T)F(I)PA (2MP)	RBU5366-F(I)PA (5MP)
Camera	Image Sensor	1/2" Progressive Scan CMOS	1/2.8" Progressive Scan CMOS	
	Min. Illumination	Color: 0.002Lux@F1.4 B/W: 0Lux with IR on	Color: 0.005Lux@F1.4 B/W: 0Lux with IR on	Color: 0.008Lux@F1.4 B/W: 0Lux with IR on
	WDR	120dB Super WDR		
	Shutter Time	1/100000s~1s		
	IR Distance	Up to 65m	Up to 65m(3.0~10.5mm/2.7~13.5mm) Up to 100m(7~22mm)	
	Day/Night Mode	Day/Night/Auto/Customize/Schedule		
	S/N	>55dB		
	Lens	Lens	Motorized 3.6~10mm@F1.4 P-Iris(Optional)	Motorized 2.7~13.5mm/3.0~10.5mm/7~22mm@F1.4 P-Iris(Optional)
Field of View		H100°~H45°/ D116°~D51°/ V57°~V25°	H113°~H33°/D130°~D38° /V60°~V18° (2.7~13.5mm) H104°~H34°/D120°~D39° /V57°~V19° (3.0~10.5mm) H45°~H17°/D53°~D20° /V25°~V9° (7~22mm)	H113°~H33°/D138°~D42° /V83°~V25° (2.7~13.5mm) H94°~H33°/ D116°~D42° / V71°~V25°(3.0~10.5mm) H42°~H16°/D53°~D20° /V32°~V12° (7~22mm)
Mount		Φ14		
Focus Control		Auto/Manual		
Iris Control (Optional for I Series)		Auto/Manual		
Video		Max. Image Resolution	1920x1080	
	Primary Stream	60Hz: <b>90fps@(1920x1080)(Optional for T Series)</b> , 60fps@(1920x1080, 1280x960, 1280x720, 704x576) 50Hz: <b>90fps@(1920x1080)(Optional for T Series)</b> , 50fps@(1920x1080, 1280x960, 1280x720, 704x576)		60Hz: 30fps@(2592x1944, 2592x1520, 2048x1536, 1920x1080, 1280x960, 1280x720, 704x576) 50Hz: 25fps@(2592x1944, 2592x1520, 2048x1536, 1920x1080, 1280x960, 1280x720, 704x576)
	Secondary Stream	60Hz: <b>90fps@(704x576)(Optional for T Series)</b> , 60fps@(704x576, 640x480, 640x360, 352x288, 320x240, 320x192) 50Hz: <b>90fps@(704x576)(Optional for T Series)</b> , 50fps@(704x576, 640x480, 640x360, 352x288, 320x240, 320x192)		60Hz: 30fps@(704x576, 640x480, 640x360, 352x288, 320x240, 320x192) 50Hz: 25fps@(704x576, 640x480, 640x360, 352x288, 320x240, 320x192)
	Tertiary Stream	60Hz: 30fps@ ( 1280x720, 704x576, 640x480, 640x360, 352x288, 320x240, 320x192) 50Hz: 25fps@ ( 1280x720, 704x576, 640x480, 640x360, 351c288, 320x240, 320x192)		
	Video Compression	H.265+/H.265(HEVC)/H.264+/H.264/MJPEG		
	Video Bit Rate	16Kbps~16Mbps(CBR/VBR Adjustable)		
	Privacy Masking	Up to 24 areas		
	ROI	Up to 8 areas		
	Image Setting	Brightness/Contrast/Saturation/Sharpness		

# 2MP/5MP/4K AI Motorized Pro Bullet Plus Network Camera Series - IR 65/100M

<b>Interface</b>	Ethernet	1*RJ45 10M/100M Ethernet Port		
	Audio I/O	1/1		
	Alarm I/O	1/1		
<b>Network</b>	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		
<b>Audio</b>	Audio Compression	G.711/AAC/G.722/G.726		
	Audio Sampling Rate	8/16/32/44.1/48KHz		
	Audio Bit Rate	16~256kbps		
	Two-way Audio	Support		
<b>Intelligent Analytics</b>	Video Analysis	Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Object Left, Object Removed		
	People Counting& Report	Count the number of people entering or exiting, up to 4 detection areas for regional people counting		
<b>System</b>	Storage	Support microSD/SDHC/SDXC Card Local Storage, up to 256G		
	Advanced Function	BLC, HLC, 2D DNR, 3D DNR, 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, External Input, Audio Alarm, 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		
<b>General</b>	Working Temperature	-40℃~60℃		
	Working Humidity	0~90%(Non-condensing)		
	Power Supply	PoE (802.3af) / DC 12V±10%		
	Power Consumption	7W MAX 14W MAX(With IR on)	6.5W MAX 13.5W MAX(With IR on)	6W MAX 13W MAX(With IR on)
	Housing	Vandal-proof IK10-rated Metal Housing / Up to IP67-rated for Weather-resistant Performance		
	Weight	1630g		
	Dimensions	301mmX108mmX98mm		
	Warranty	3/5 Years		

# 2MP/5MP/4K AI Motorized Pro Bullet Plus Network Camera Series - IR 65/100M

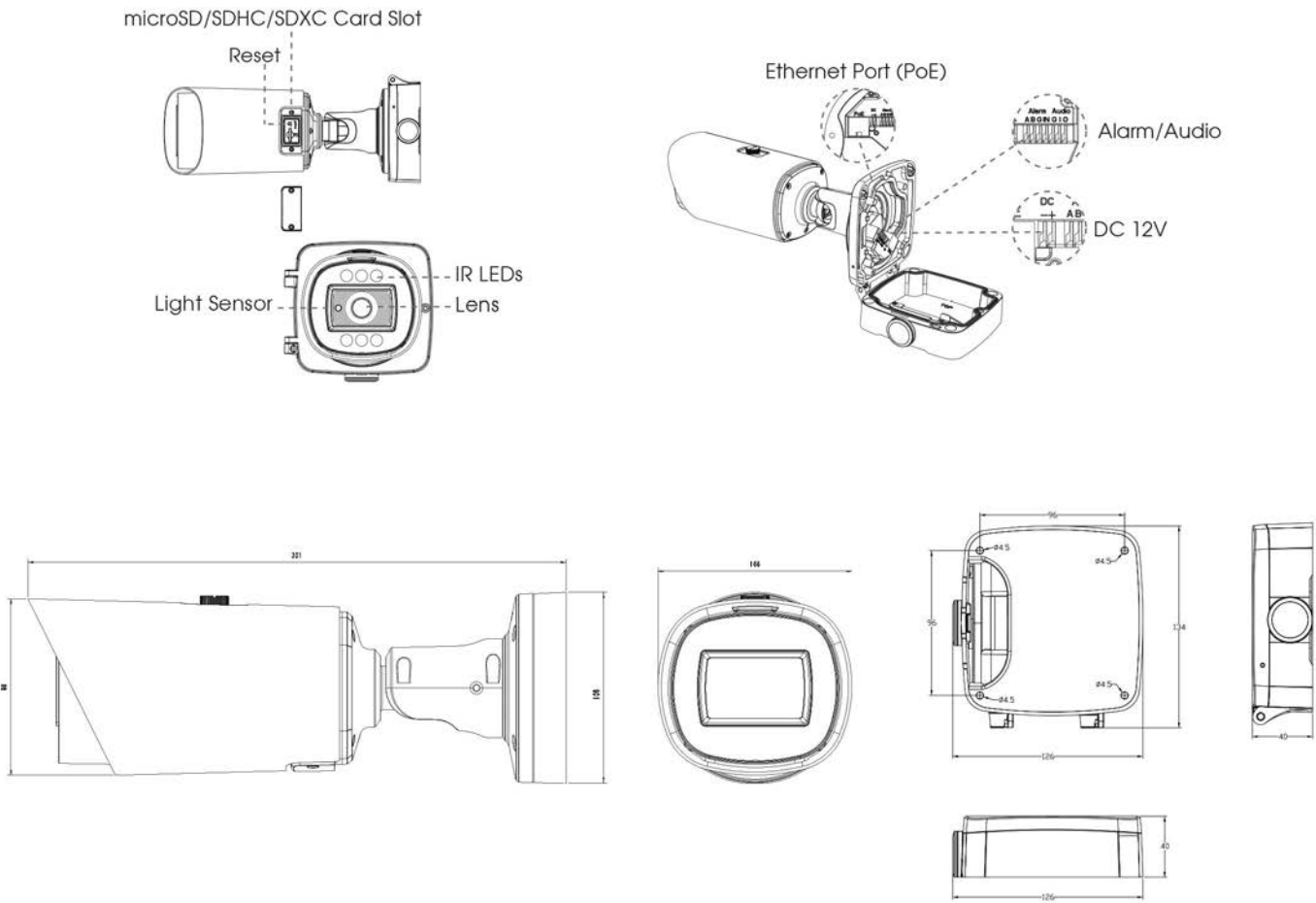
	Model	RBU8166-F(I)PA (4K)	RBU8266-F(I)PA (4K)
Camera	Image Sensor	1/2.8" Progressive Scan CMOS	1/1.8" Progressive Scan CMOS
	Min. Illumination	Color: 0.012Lux@F1.4 B/W: 0Lux with IR on	Color: 0.009Lux@F1.4 B/W: 0Lux with IR on
	WDR	120dB Super WDR	
	Shutter Time	1/100000s~1s	
	IR Distance	Up to 65m	
	Day/Night Mode	Day/Night/Auto/Customize/Schedule	
	S/N	>55dB	
Lens	Lens	Motorized 2.7~13.5mm@F1.4 P-Iris(Optional)	Motorized 3.6~10mm@F1.4 P-Iris(Optional)
	Field of View	H110°~H33°/D118°~D38°/V60°~V18°	H116°~H48°/D134°~D55°/V65°~V27°
	Mount	Φ14	
	Focus Control	Auto/Manual	
	Iris Control (Optional for I Series)	Auto/Manual	
Video	Max. Image Resolution	3840x2160	
	Primary Stream	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: 30fps@(704x576, 640x480, 640x360, 352x288, 320x240, 320x192) 50Hz: 25fps@(704x576, 640x480, 640x360, 352x288, 320x240, 320x192)	
	Tertiary Stream	60Hz: 30fps@( 1280x720, 704x576, 640x480, 640x360, 352x288, 320x240, 320x192) 50Hz: 25fps@( 1280x720, 704x576, 640x480, 640x360, 351c288, 320x240, 320x192)	
	Video Compression	H.265*/H.265(HEVC)/H.264*/H.264/MJPEG	
	Video Bit Rate	16Kbps~16Mbps(CBR/VBR Adjustable)	
	Privacy Masking	Up to 24 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 Protocol	NAS(Support NFS, SMB/CIFS), ANR 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	



# 2MP/5MP/4K AI Motorized Pro Bullet Plus Network Camera Series - IR 65/100M

<b>Audio</b>	Audio Compression	G.711/AAC/G.722/G.726	
	Audio Sampling Rate	8/16/32/44.1/48KHz	
	Audio Bit Rate	16~256kbps	
	Two-way Audio	Support	
<b>Intelligent Analytics</b>	Video Analysis	Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Object Left, Object Removed	
	People Counting& Report	Count the number of people entering or exiting, up to 4 detection areas for regional people counting	
<b>System</b>	Storage	Support microSD/SDHC/SDXC Card Local Storage, up to 256G	
	Advanced Function	BLC, HLC, 2D DNR, 3D DNR, 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, External Input, Audio Alarm, 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	
<b>General</b>	Working Temperature	-40℃~60℃	
	Working Humidity	0~90%(Non-condensing)	
	Power Supply	PoE (802.3af) / DC 12V±10%	
	Power Consumption	6W MAX 13W MAX(With IR on)	9W MAX 16W MAX(With IR on)
	Housing	Vandal-proof IK10-rated Metal Housing / Up to IP67-rated for Weather-resistant Performance	
	Weight	1630g	
	Dimensions	301mmX108mmX98mm	
	Warranty	3/5 Years	

Structure Diagrams



Units: mm

Accessories Support

RA01 Pole Mount  
Weight: 720g  
Dimensions: 170\*51.5\*152.6mm



RA03 xternal Corner Bracket  
Weight: 900g  
Dimensions: 170\*152.5\*76.3mm



RA62 Junction Box  
Weight: 510g  
Dimensions: 134\*126\*40mm

