# **BC - 9 SERIES**

## **4K PTZ Camera**

# 4K Pan Tilt Zoom camera with 1.0-type Exmor R CMOS sensor

BC-9-4K12S-S3MN
BC-9-4K12S-S6MN



## KEY FEATURES

- 1 Inch CMOS sensor, Total Effective pixel: 20 Megapixels
- Zeiss Vario-Sonnar T lens with 12X optical zoom, with SRZ feature,18X zoom at 4K, or 24X zoom at FHD.
- Video Resolution: Up to 4K 2160p29.97, 1080i59.94, 1080p60
- IP Video Resolution: Up to 2160p30, 1080p60
- Video Output: Simultaneous 6G-SDI, 4K HDMI, 4K IP
- HDBaseT, Optical video output via optional video card.
- 4K SDI with 6G-SDIX2 and Dual Link 3G-SDIX2 output
- Black Level, Color Matrix, Image Stabilizer
- HTML5 Cross Browser compatibility
- RTMP, SRT supported
- Power: DC 12V, POE, HDBaseT POH(IEEE802.3bt)

# VISCA ONVIF PELCO CHOBST H.265 SRT SDIP

## **OVERVIEW**

*Ideal for* Broadcast TV, Videoconferencing, House of worship, Live sports and events, Educational environment, Corporate training, Large auditoriums. Distance learning, Courtrooms, sports stadiums and Telemedicine applications.

**9** Series is Bolin's first 4K PTZ camera equipped with a full 1-inch CMOS sensor offering brilliant broadcast-quality Super-High-Resolution color image in 4K30 with excellent low-light sensitivity and full HD footage can also be captured at up to 1080p60, which is optimal for capturing fast, spontaneous action.

**SRZ** - Super-Resolution-Zoom expands zoom range to 18X zoom at 4K, or 24X zoom at FHD without sacrificing detail.

**TRUE Dual Output** PTZ camera provides simultaneous 6G/3G-SDI and remote 4K IP video streaming and control. It is a TRUE Dual Output PTZ where SDI and IP formats can be set independently. **Comprehensive** image parameter settings (Black Level, Color Matrix and Trace Memory) and Tally lights for Broadcast-friendly use and Pro AV applications.

*Extremely quiet and smooth* operation for Pan/Tilt movements combined with enhanced adaptive variable and super slow speed control provides accurate and effective operation experiences.

*License Upgradable* from FHD to 4K. Not ready for 4K? Have easy of mind to own a 1 inch CMOS FHD camera first, upgrade to 4K when you are ready. Your investment is protected.





# FEATURES

### Uncompromising 4K images

Equipped with Sony large, back-illuminated 1.0-type Exmor R CMOS sensor which delivers an uncompromised broadcast quality color pictures in detail-packed 4K/30p. The footage can also be captured in Full HD 60p for fast-moving action applications. Excellent low light sensitivity brings low noise color video images in low light levels as low as 0.5lx, making it an ideal choice for low light environment like live hall and theater.

Image Stabilizer Bolin camera's built-in image stabilizer function eliminates the effect of blurred, shaky images caused by low-frequency vibration.

#### Versatile Video Outputs

Flexibility in professional broadcast and AV environments with multiple choices of video outputs:

- \* Main 4k HDMI and Dual Link 3G-SDI (x2) or 6G-SDIx2
- \* Optional HDBaseT and Optical video outputs.
- \* 4K IP streaming and RTMP live streaming, HTML5 Cross Browser compatibility

#### Video Format

The camera video format meets the requirements for any Pro Av application and broadcast use by supporting:

- \* HDMI/SDI format up to 4K 2160p29.97, 1080i59.94, 1080p60
- \* IP video format up to 2160p30, 1080p60.
- \* Supports cinematic 23.98/24p pictures

### SRT Ready

Delivery of high-quality and secure, low-latency video across the public Internet. SRT optimizes streaming performance across unpredictable networks with secure streams and easy firewall traversal, bringing the best guality live video over unstable networks.

#### Control Capability

The camera provides multiple methods of controlling, which gives you capabilities of local control and remote control without distance limitations.

\* RS232, RS422/485, IP, HDBaseT, IR remote controller. \* Protocol supported: VISCA, VISCA-Over-IP, PELCO D, IP Onvif, HDBaseT one cable control + video.

#### Flexible Installation

Installation is simplified in a wide range of environments via: \* RJ45 RS232/422 control port provides the convience of wiring.

- \* PoE+ and POH (Power over HDBaseT) to reduce cabling requirements.
- \* Standard and ceiling mount and tripod with E-Flip function.

#### Always Up to Date

Always up to date, Download the latest Firmware upgrade via USB and IP interface which constantly improves the camera features and performance, even for customized function upgrades.

Optional Video Output Module \* HDBaseT video output module: supported to carry 4K video, audio, control, and power via a single CAT6 cable up to 80-100 meters for easy installation and management. \* Fiber Optical video output module: 6G-SDI

### **Other Features**

\* Picture Profile Preset- Image parameter setting restore with presets and quick access operation.

Genlock simplifies integration with other systems.







HDBaseT Video Output Card (Optional)

SDI Optical Video Output Card (Optional)



HDBaseT Receiver (Optional)



BL-BR4K-1 Back



**BL-BR4K-1** Front

# **Product Specification**

Model No.	BC-9-4K12S-S3MN	BC-9-4K12S-S6MN
Camera		le From FHD to 4K
nage Sensor	1.0-type back-illuminated Exmor R CMOS sensor	
umber of effective pixels		egapixels
icture elements		3.29 Megapixels
ens		lens, Optical Zoom 12X
ele Convert Mode		with 1080p resolution, up to 80X with SRZ
gital Zoom		18X zoom at 4K, or 24X zoom at FHD.
orizontal Angle of View	64.6° (Wide)	) - 6.1° (Tele),
ocal Length	f=9.3 to 111.6mm, F2	2.8(Wide) ,F4.5(Tele)
in. object distance	80mm (Wide),	1000mm (Tele)
perture	F2.8 Constant ()	W)~(T), 16 Steps
in. Illumination		ligh Sensitivity mode On)
nutter Speed		8 (59.94/29.97)
ocus		/ariable Speed), One Push Trigger, Near Limit,
hite Balance	AUTO, ATW, Indoor, Outdoor, One Push WB, Manual WB, G	
xposure	Full Auto, Gain, Shutter Prior	ity, Iris Priority, Manual, Bright
eatures		ation, HLC, E-FLIP, Mirror, Day/Night
DR		IBILITY ENHANCER in OSD
D Filter		ES
age Stabilizer		ES
olor Gain	Yes (15 step)	
olor Hue	Yes (15 step)	
amma	Standard/Straight/Pattern	
amma Level	Yes (15 step)	
ack Level		
	Yes (97 step)	
ack Gamma	Yes (15 step)	
olor Matrix	Off/Standard/High Saturation/FL light	
bise Reduction	On/Off (level 5 to 1 / Off, 6 steps), 2D/3D	
/N Ratio	≥5	0db
lechanical		
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an Movement		oom Adaptive Speed Range: 0.05° ∽ 100°/S )
It Movement		om Adaptive Speed Range: 0.05°∽50°/S)
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	128 (Speed adjustable: Up to 150	°/S, 6 presets on remote controller.)
		°/S, 6 presets on remote controller.) le, Motionless preset
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All models and specifications are subject to change without notice.



# **Product Specification**

		a system and FPGA
Power Connector Type	Via USB2.0 (for FW upgrade only),via IP(for encoder and FPGA) IEC60130-10 (JEITA standard RC-5320A) TYPE4	
Fower Connector Type		(IEEE802.3bt)
		aseT), HDBaseT Card Optional
Optional Card Slots	YES, HDBaseT Video Card / Optical 6G-SDI Video Card.	
SDI signal System		
Video Format	1920 x 1080/59.94p/60p (HDMI, SDI) 1920 x 1080/59.94i/60i (HDMI, SDI) 1920 x 1080/50p (HDMI, SDI) 1920 x 1080/50i (HDMI, SDI) 1920 x 1080/29.97p/30p (HDMI, SDI) 1920 x 1080/25p (HDMI, SDI) 1920 x 1080/23.98p/24p (HDMI, SDI) 1280 x 720/59.94p/60p (HDMI, SDI) 1280 x 720/50p (HDMI, SDI)	3840 x 2160/29.97p (HDMI, 6G-SDI x 2 / Dual Link 3G-SDI (2SI)) 3840 x 2160/25p (HDMI, 6G-SDI x 2 / Dual Link 3G-SDI (2SI)) 3840 x 2160/23.98p (HDMI, 6G-SDI x 2 / Dual Link 3G-SDI (2SI)) 3840 x 2160/24p (HDMI, 6G-SDI x 2 / Dual Link 3G-SDI (2SI)) 1920 x 1080/59.94p/60p (HDMI, SDI) 1920 x 1080/59.94i/60i (HDMI, SDI) 1920 x 1080/50p (HDMI, SDI) 1920 x 1080/50p (HDMI, SDI) 1920 x 1080/29.97p/30p (HDMI, SDI) 1920 x 1080/29.97p/30p (HDMI, SDI) 1920 x 1080/29.98p/24p (HDMI, SDI) 1920 x 1080/23.98p/24p (HDMI, SDI) 1280 x 720/59.94p/60p (HDMI, SDI)
Standard	SMPTE 292(1.5Gb/s), SMPTE 424, SMPTE 425-A(3Gb/s	), SMPTE 2081 With SMPTE352 SDI Metadata Supported
Network		
Video Compression	M.IPFG H	.264/H.265
IP Video Format		set independently of SDI video format 3840x2160p30/25/24, 1920x1080p60/50/30/25/24, 1280x720p60/50
Protocols		DNS, DHCP, FTP, NTP, RTMP, RTSP, SRT
Multi-stream	3 data stream function will satisfy various bandwidth, frame rates and storage requirements in real time	
Audio Compression OSD	AAC-LC Broadband Audio Encoding(Duplex Communicate Supported, Audio/Video synchronization) Customized OSD	
Compatible Integration	ONVIF2.4 (Profile S), VISCA Over IP	
Browser Support	Cross Browser Compatibility - HTML5 support for Microsoft Edge, Google Chrome, Firefox, and Safari browsers without plugi	
Video Module Card		
HDBaseT Module	Detachable slot, 1XRJ45-HDBaseT(4K), With HDBaseT video output transmission distance up to 80-100 meters	
Fiber Optic SDI Module	Detachable slot, Ornector: Duplex LC Laser Unit: Single-mode 1,310nm DFB-LD transmitter and PIN receiver Complaint with MSA SFP+ Specification SFF-8402.	
	<b>.</b>	
General	Complaint with MSA SFP	P+ Specification SFF-8402.
Body Color	Complaint with MSA SFP Black,	r+ Specification SFF-8402. , White
Body Color Mount	Complaint with MSA SFP Black, Ceiling mount, W	r+ Specification SFF-8402. , White Vall mount, Tripot
Body Color Mount Size of Screw Hole for Tripod	Complaint with MSA SFP Black, Ceiling mount, W 1/4-20	r+ Specification SFF-8402. , White Vall mount, Tripot UNC x2
Body Color Mount	Complaint with MSA SFP Black, Ceiling mount, W 1/4-20 -10 to +40 (°C)	r+ Specification SFF-8402. , White Vall mount, Tripot
Body Color Mount Size of Screw Hole for Tripod Operating Temperature Operating Humidity Power Input	Complaint with MSA SFP Black, Ceiling mount, W 1/4-20 -10 to +40 (°C) ≤80% Suita 12VDC, POE++(IEEE 802.3bt, Type 4, class 8 requ	P+ Specification SFF-8402. , White Vall mount, Tripot UNC x2 ), 32 to 104 (°F) able for Use uired), POH(Power Over HDBAaseT, IEEE 802.3bt)
Body Color Mount Size of Screw Hole for Tripod Operating Temperature Operating Humidity Power Input Power Consumption	Complaint with MSA SFP Black, Ceiling mount, W 1/4-20 -10 to +40 (°C) ≤80% Sutt 12VDC, POE++(IEEE 802.3bt, Type 4, class 8 req Min: 25W(Static state with no movement)	P+ Specification SFF-8402. , White Vall mount, Tripot UNC x2 ), 32 to 104 (°F) able for Use uired), POH(Power Over HDBAaseT, IEEE 802.3bt) ); Max: 45Watts (Fully loaded operation)
Body Color Mount Size of Screw Hole for Tripod Operating Temperature Operating Humidity Power Input Power Consumption Dimension	Complaint with MSA SFP Black, Ceiling mount, W 1/4-20 -10 to +40 (°C) ≤80% Suita 12VDC, POE++(IEEE 802.3bt, Type 4, class 8 req Min: 25W(Static state with no movement) 165x196	P+ Specification SFF-8402. , White Vall mount, Tripot UNC x2 ), 32 to 104 (°F) able for Use uired), POH(Power Over HDBAaseT, IEEE 802.3bt) ); Max: 45Watts (Fully loaded operation) 5x247mm
Body Color Mount Size of Screw Hole for Tripod Operating Temperature Operating Humidity Power Input Power Consumption Dimension Weight	Complaint with MSA SFP Black, Ceiling mount, W 1/4-20 -10 to +40 (°C) ≤80% Suita 12VDC, POE++(IEEE 802.3bt, Type 4, class 8 req Min: 25W(Static state with no movement) 165x196 3.3kg (N	P+ Specification SFF-8402. , White Vall mount, Tripot UNC x2 ), 32 to 104 (°F) able for Use uired), POH(Power Over HDBAaseT, IEEE 802.3bt) ); Max: 45Watts (Fully loaded operation) 6x247mm et weight)
Body Color Mount Size of Screw Hole for Tripod Operating Temperature Operating Humidity Power Input Power Consumption Dimension Weight Body Color	Complaint with MSA SFP Black, Ceiling mount, W 1/4-20 -10 to +40 (°C) ≤80% Suit 12VDC, POE++(IEEE 802.3bt, Type 4, class 8 req Min: 25W(Static state with no movement) 165x196 3.3kg (N Black,	P+ Specification SFF-8402. , White Vall mount, Tripot UNC x2 ), 32 to 104 (°F) able for Use uired), POH(Power Over HDBAaseT, IEEE 802.3bt) ); Max: 45Watts (Fully loaded operation) 5x247mm et weight) , White
Body Color Mount Size of Screw Hole for Tripod Operating Temperature Operating Humidity Power Input Power Consumption Dimension Weight Body Color HDBaseT Receiver	Complaint with MSA SFP Black, Ceiling mount, W 1/4-20 -10 to +40 (°C) ≤80% Suita 12VDC, POE++(IEEE 802.3bt, Type 4, class 8 req Min: 25W(Static state with no movement) 165x196 3.3kg (N Black, * Optional, Se	P+ Specification SFF-8402. , White Vall mount, Tripot UNC x2 ), 32 to 104 (°F) able for Use uired), POH(Power Over HDBAaseT, IEEE 802.3bt) ); Max: 45Watts (Fully loaded operation) 5x247mm et weight) , White old Separately
Body Color Mount Size of Screw Hole for Tripod Operating Temperature Operating Humidity Power Input Power Consumption Dimension Weight Body Color HDBaseT Receiver Model No.	Complaint with MSA SFP Black, Ceiling mount, W 1/4-20 -10 to +40 (°C) ≤80% Suita 12VDC, POE++(IEEE 802.3bt, Type 4, class 8 req Min: 25W(Static state with no movement) 165x190 3.3kg (N Black, * Optional, Se	P+ Specification SFF-8402. , White Vall mount, Tripot UNC x2 ), 32 to 104 (°F) able for Use uired), POH(Power Over HDBAaseT, IEEE 802.3bt) ); Max: 45Watts (Fully loaded operation) 5x247mm et weight) , White old Separately R4K-1
Body Color Mount Size of Screw Hole for Tripod Operating Temperature Operating Humidity Power Input Power Consumption Dimension Weight Body Color HDBaseT Receiver Model No. Input	Complaint with MSA SFP Black, Ceiling mount, W 1/4-20 -10 to +40 (°C); ≤80% Sutt 12VDC, POE++(IEEE 802.3bt, Type 4, class 8 req Min: 25W(Static state with no movement) 165x196 3.3kg (N Black, * Optional, St BL-Bl 1XRJ45-	P+ Specification SFF-8402. , White Vall mount, Tripot UNC x2 ), 32 to 104 (°F) able for Use uired), POH(Power Over HDBAaseT, IEEE 802.3bt) ); Max: 45Watts (Fully loaded operation) 5x247mm et weight) , White old Separately R4K-1 HDBaseT
Body Color Mount Size of Screw Hole for Tripod Operating Temperature Operating Humidity Power Input Power Consumption Dimension Weight Body Color HDBaseT Receiver Model No. Input Output	Complaint with MSA SFP Black, Ceiling mount, W 1/4-20 -10 to +40 (°C) ≤80% Sutt 12VDC, POE++(IEEE 802.3bt, Type 4, class 8 req Min: 25W(Static state with no movement) 165x196 3.3kg (N Black, * Optional, St BL-Bi 1XRJ45- 1XHDMI Type A - HDMI 1.4b, 1XRJ45- IP Pass-Thr	P+ Specification SFF-8402. , White Vall mount, Tripot UNC x2 ), 32 to 104 (°F) able for Use uired), POH(Power Over HDBAaseT, IEEE 802.3bt) ); Max: 45Watts (Fully loaded operation) 5x247mm et weight) ); White old Separately R4K-1 HDBaseT ru (100Mbps,extend connection only, not IP encoder)
Body Color Mount Size of Screw Hole for Tripod Operating Temperature Operating Humidity Power Input Power Consumption Dimension Weight Body Color HDBaseT Receiver Model No. Input	Complaint with MSA SFP Black, Ceiling mount, W 1/4-20 -10 to +40 (°C) ≤80% Sutt 12VDC, POE++(IEEE 802.3bt, Type 4, class 8 req Min: 25W(Static state with no movement) 165x196 3.3kg (N Black, * Optional, Sc BL-Bl 1XRJ45- 1XHDMI Type A - HDMI 1.4b, 1XRJ45- IP Pass-Thr DC54V	P+ Specification SFF-8402. , White Vall mount, Tripot UNC x2 ), 32 to 104 (°F) able for Use uired), POH(Power Over HDBAaseT, IEEE 802.3bt) ); Max: 45Watts (Fully loaded operation) 5x247mm et weight) , White old Separately R4K-1 HDBaseT
Body Color Mount Size of Screw Hole for Tripod Operating Temperature Operating Humidity Power Input Power Consumption Dimension Weight Body Color HDBaseT Receiver Model No. Input Output Power Input	Complaint with MSA SFP Black, Ceiling mount, W 1/4-20 -10 to +40 (°C) ≤80% Sutt 12VDC, POE++(IEEE 802.3bt, Type 4, class 8 req Min: 25W(Static state with no movement) 165x196 3.3kg (N Black, * Optional, Sc BL-BI 1XRJ45- 1XHDMI Type A - HDMI 1.4b, 1XRJ45- IP Pass-Thr DC54V POH(Power Over HDBaseT), Po	<ul> <li>P+ Specification SFF-8402.</li> <li>White</li> <li>Vall mount, Tripot</li> <li>UNC x2</li> <li>), 32 to 104 (°F)</li> <li>able for Use</li> <li>uired), POH(Power Over HDBAaseT, IEEE 802.3bt)</li> <li>); Max: 45Watts (Fully loaded operation)</li> <li>5x247mm</li> <li>et weight)</li> <li>, White</li> <li>old Separately</li> <li>R4K-1</li> <li>HDBaseT</li> <li>ru (100Mbps,extend connection only, not IP encoder)</li> <li>/, 2.77A</li> </ul>
Body Color Mount Size of Screw Hole for Tripod Operating Temperature Operating Humidity Power Input Power Consumption Dimension Weight Body Color HDBaseT Receiver Model No. Input Output Power Input Power Output Power Output Power Comsumption Control Interface	Complaint with MSA SFP Black, Ceiling mount, W 1/4-20 -10 to +40 (°C) ≤80% Suita 12VDC, POE++(IEEE 802.3bt, Type 4, class 8 req Min: 25W(Static state with no movement) 165x196 3.3kg (N Black, * Optional, Se BL-BI 1XRJ45- 1XHDMI Type A - HDMI 1.4b, 1XRJ45- IP Pass-Thr DC54V POH(Power Over HDBaseT), Po Up to 2XRJ45-RS232/ RJ45-RS42	P+ Specification SFF-8402.         , White         Vall mount, Tripot         UNC x2         ), 32 to 104 (°F)         able for Use         uirred), POH(Power Over HDBAaseT, IEEE 802.3bt)         ); Max: 45Watts (Fully loaded operation)         6x247mm         et weight)         , White         old Separately         R4K-1         HDBaseT         ur (100Mbps,extend connection only, not IP encoder)         /, 2.77A         wer over one CAT6 network cable         o 97W         22/RS485, IR Control Sensor
Body Color Mount Size of Screw Hole for Tripod Operating Temperature Operating Humidity Power Input Power Consumption Dimension Weight Body Color HDBaseT Receiver Model No. Input Output Power Input Power Input Power Output Power Comsumption Control Interface IR IN Control Interface	Complaint with MSA SFP Black, Ceiling mount, W 1/4-20 -10 to +40 (°C) ≤80% Suita 12VDC, POE++(IEEE 802.3bt, Type 4, class 8 req Min: 25W(Static state with no movement) 165x196 3.3kg (N Black, * Optional, Se BL-Bi 1XRJ45- 1XHDMI Type A - HDMI 1.4b, 1XRJ45- IP Pass-Thr DC544 POH(Power Over HDBaseT), Po Up to 2XRJ45-RS232/ RJ45-RS42 3.5mm 3	P+ Specification SFF-8402.         , White         Vall mount, Tripot         UNC x2         ), 32 to 104 (°F)         able for Use         uired), POH(Power Over HDBAaseT, IEEE 802.3bt)         ); Max: 45Watts (Fully loaded operation)         5x247mm         et weight)         , White         old Separately         R4K-1         HDBaseT         'u (100Mbps,extend connection only, not IP encoder)         /, 2.77A         wer over one CAT6 network cable         o 97W         22/RS485, IR Control Sensor         .5-5v TTL
Body Color Mount Size of Screw Hole for Tripod Operating Temperature Operating Humidity Power Input Power Consumption Dimension Weight Body Color HDBaseT Receiver Model No. Input Output Power Input Power Output Power Comsumption Control Interface IR IN Control Interface Audio Output	Complaint with MSA SFP Black, Ceiling mount, W 1/4-20 -10 to +40 (°C) ≤80% Suita 12VDC, POE++(IEEE 802.3bt, Type 4, class 8 req Min: 25W(Static state with no movement) 165x196 3.3kg (N Black, * Optional, Se BL-Bi 1XRJ45- 1XHDMI Type A - HDMI 1.4b, 1XRJ45- IP Pass-Thr DC544 POH(Power Over HDBaseT), PO Up to 2XRJ45-RS232/ RJ45-RS42 3.5mm 3	P+ Specification SFF-8402.         , White         Vall mount, Tripot         UNC x2         ), 32 to 104 (°F)         able for Use         uired), POH(Power Over HDBAaseT, IEEE 802.3bt)         ); Max: 45Watts (Fully loaded operation)         5x247mm         et weight)         , White         old Separately         R4K-1         HDBaseT         ru (100Mbps,extend connection only, not IP encoder)         /, 2.77A         wer over one CAT6 network cable         o 97W         22/RS485, IR Control Sensor         .5-5v TTL         m Jack
Body Color Mount Size of Screw Hole for Tripod Operating Temperature Operating Humidity Power Input Power Consumption Dimension Weight Body Color HDBaseT Receiver Model No. Input Output Power Input Power Output Power Comsumption Control Interface IR IN Control Interface Audio Output Dimension	Complaint with MSA SFP Black, Ceiling mount, W 1/4-20 -10 to +40 (°C) ≤80% Suita 12VDC, POE++(IEEE 802.3bt, Type 4, class 8 req Min: 25W(Static state with no movement) 165x190 3.3kg (N Black, * Optional, Sr BL-Bi 1XRJ45- 1XHDMI Type A - HDMI 1.4b, 1XRJ45- IP Pass-Thr DC54V POH(Power Over HDBaseT), PO Up to 2XRJ45-RS232/ RJ45-RS42 3.5mm 3 3.5mm	P+ Specification SFF-8402.         , White         Vall mount, Tripot         UNC x2         ), 32 to 104 (°F)         able for Use         uired), POH(Power Over HDBAaseT, IEEE 802.3bt)         ); Max: 45Watts (Fully loaded operation)         Sx247mm         et weight)         , White         old Separately         R4K-1         HDBaseT         ru (100Mbps,extend connection only, not IP encoder)         /, 2.77A         wer over one CAT6 network cable         o 97W         22/RS485, IR Control Sensor         5.5v TTL         m Jack         8x33mm
Body Color Mount Size of Screw Hole for Tripod Operating Temperature Operating Humidity Power Input Power Consumption Dimension Weight Body Color HDBaseT Receiver Model No. Input Output Power Input Power Output Power Comsumption Control Interface IR IN Control Interface Audio Output Dimension Weight	Complaint with MSA SFP Black, Ceiling mount, W 1/4-20 -10 to +40 (°C) ≤80% Suita 12VDC, POE++(IEEE 802.3bt, Type 4, class 8 req Min: 25W(Static state with no movement) 165x196 3.3kg (N Black, * Optional, Se BL-BI 1XRJ45- 1XHDMI Type A - HDMI 1.4b, 1XRJ45- IP Pass-Thr DC544 POH(Power Over HDBaseT), Po Up to 2XRJ45-RS232/ RJ45-RS42 3.5mm 3 3.5mr 164x111	P+ Specification SFF-8402.         , White         Vall mount, Tripot         UNC x2         ), 32 to 104 (°F)         able for Use         uired), POH(Power Over HDBAaseT, IEEE 802.3bt)         ); Max: 45Watts (Fully loaded operation)         5x247mm         et weight)         , White         old Separately         R4K-1         HDBaseT         ru (100Mbps,extend connection only, not IP encoder)         /, 2.77A         wer over one CAT6 network cable         o 97W         22/RS485, IR Control Sensor         .5-5v TTL         m Jack
Body Color Mount Size of Screw Hole for Tripod Operating Temperature Operating Humidity Power Input Power Consumption Dimension Weight Body Color HDBaseT Receiver Model No. Input Output Power Input Power Input Power Output Power Comsumption Control Interface IR IN Control Interface Audio Output Dimension Weight PRDER INFORMATIC	Complaint with MSA SFP Black, Ceiling mount, W 1/4-20 -10 to +40 (°C) ≤80% Suita 12VDC, POE++(IEEE 802.3bt, Type 4, class 8 req Min: 25W(Static state with no movement) 165x196 3.3kg (N Black, * Optional, St BL-BI 1XRJ45- 1XHDMI Type A - HDMI 1.4b, 1XRJ45- IP Pass-Thr DC54V POH(Power Over HDBaseT), Po Up to 2XRJ45-RS232/ RJ45-RS42 3.5mm 3 3.5mr 164x111 0.55	<ul> <li>P+ Specification SFF-8402.</li> <li>White</li> <li>Vall mount, Tripot</li> <li>UNC x2</li> <li>), 32 to 104 (°F)</li> <li>able for Use</li> <li>uired), POH(Power Over HDBAaseT, IEEE 802.3bt)</li> <li>); Max: 45Watts (Fully loaded operation)</li> <li>6x247mm</li> <li>et weight)</li> <li>, White</li> <li>old Separately</li> <li>R4K-1</li> <li>HDBaseT</li> <li>ru (100Mbps,extend connection only, not IP encoder)</li> <li>/, 2.77A</li> <li>wer over one CAT6 network cable</li> <li>o 97W</li> <li>22/RS485, IR Control Sensor</li> <li>5-5v TTL</li> <li>m Jack</li> <li>8x33mm</li> <li>2KG</li> </ul>
Body Color Mount Size of Screw Hole for Tripod Operating Temperature Operating Humidity Power Input Power Consumption Dimension Weight Body Color HDBaseT Receiver Model No. Input Output Power Input Power Input Power Output Power Comsumption Control Interface IR IN Control Interface BC-9-4K12S-S3MN/B (Blace)	Complaint with MSA SFP Black, Ceiling mount, W 1/4-20 -10 to 440 (°C) ≤80% Sutts 12VDC, POE++(IEEE 802.3bt, Type 4, class 8 req Min: 25W(Static state with no movement) 165x196 3.3kg (N Black, * Optional, Sc BL-BI 1XRJ45- 1XHDMI Type A - HDMI 1.4b, 1XRJ45- IP Pass-Thr DC54V POH(Power Over HDBaseT), Po Up tc 2XRJ45-RS232/ RJ45-RS42 3.5mr 3 3.5mr 164x11 0.5 ON	<ul> <li>P+ Specification SFF-8402.</li> <li>White</li> <li>Vall mount, Tripot</li> <li>UNC x2</li> <li>), 32 to 104 (°F)</li> <li>able for Use</li> <li>uired), POH(Power Over HDBAaseT, IEEE 802.3bt)</li> <li>); Max: 45Watts (Fully loaded operation)</li> <li>5x247mm</li> <li>et weight)</li> <li>, White</li> <li>old Separately</li> <li>R4K-1</li> <li>HDBaseT</li> <li>ru (100Mbps,extend connection only, not IP encoder)</li> <li>/, 2.77A</li> <li>wer over one CAT6 network cable</li> <li>o 97W</li> <li>22/RS485, IR Control Sensor</li> <li>5.5-5v TTL</li> <li>m Jack</li> <li>8x33mm</li> <li>2KG</li> <li>• BC-9-4K12S-LS-4K (License for 4K upgrace</li> </ul>
Body Color Mount Size of Screw Hole for Tripod Operating Temperature Operating Humidity Power Input Power Consumption Dimension Weight Body Color HDBaseT Receiver Model No. Input Output Power Input Power Output Power Comsumption Control Interface IR IN Control Interface Audio Output Dimension Weight DRDER INFORMATIC BC-9-4K12S-S3MN/B (BIa BC-9-4K12S-S3MN/W (W	Complaint with MSA SFP Black, Ceiling mount, W 1/4-20 -10 to +40 (°C) ≤80% Sutt 12VDC, POE++(IEEE 802.3bt, Type 4, class 8 req Min: 25W(Static state with no movement) 165x196 3.3kg (N Black, * Optional, St BL-Bi 1XRJ45- 1XHDMI Type A - HDMI 1.4b, 1XRJ45- IP Pass-Thr DC54V POH(Power Over HDBaseT), Po Up tc 2XRJ45-RS232/ RJ45-RS42 3.5mm 3 3.5mm 164x111 0.5 ON	<ul> <li>P+ Specification SFF-8402.</li> <li>White</li> <li>Vall mount, Tripot</li> <li>UNC x2</li> <li>, 32 to 104 (°F)</li> <li>able for Use</li> <li>uired), POH(Power Over HDBAaseT, IEEE 802.3bt)</li> <li>); Max: 45Watts (Fully loaded operation)</li> <li>5x247mm</li> <li>et weight)</li> <li>, White</li> <li>old Separately</li> <li>R4K-1</li> <li>HDBaseT</li> <li>ru (100Mbps,extend connection only, not IP encoder)</li> <li>/, 2.77A</li> <li>wer over one CAT6 network cable</li> <li>o 97W</li> <li>22/RS485, IR Control Sensor</li> <li>5-5v TTL</li> <li>m Jack</li> <li>8x33mm</li> <li>2KG</li> <li>• BC-9-4K12S-LS-4K (License for 4K upgrad</li> <li>• BC-9-VC-B (HDBaseT Card)</li> </ul>
Body Color Mount Size of Screw Hole for Tripod Operating Temperature Operating Humidity Power Input Power Consumption Dimension Weight Body Color HDBaseT Receiver Model No. Input Output Power Input Power Output Power Comsumption Control Interface IR IN Control Interface Audio Output Dimension Weight DRDER INFORMATIC BC-9-4K12S-S3MN/B (BIa BC-9-4K12S-S3MN/W (W	Complaint with MSA SFP Black, Ceiling mount, W 1/4-20 -10 to +40 (°C) ≤80% Sutt 12VDC, POE++(IEEE 802.3bt, Type 4, class 8 req Min: 25W(Static state with no movement) 165x196 3.3kg (N Black, * Optional, St BL-Bi 1XRJ45- 1XHDMI Type A - HDMI 1.4b, 1XRJ45- IP Pass-Thr DC54V POH(Power Over HDBaseT), Po Up tc 2XRJ45-RS232/ RJ45-RS42 3.5mm 3 3.5mm 164x111 0.5 ON ack) • BC-9-4K12S-S6MN/B (Black) 'hite) • BC-9-4K12S-S6MN/W (White) eiver, Not included with the camera)	<ul> <li>P+ Specification SFF-8402.</li> <li>White</li> <li>Vall mount, Tripot</li> <li>UNC x2</li> <li>), 32 to 104 (°F)</li> <li>able for Use</li> <li>uired), POH(Power Over HDBAaseT, IEEE 802.3bt)</li> <li>); Max: 45Watts (Fully loaded operation)</li> <li>5x247mm</li> <li>et weight)</li> <li>, White</li> <li>old Separately</li> <li>R4K-1</li> <li>HDBaseT</li> <li>ru (100Mbps,extend connection only, not IP encoder)</li> <li>/, 2.77A</li> <li>wer over one CAT6 network cable</li> <li>&gt; 97W</li> <li>22/RS485, IR Control Sensor</li> <li>&gt;.5-5v TTL</li> <li>m Jack</li> <li>8x33mm</li> <li>2KG</li> <li>• BC-9-4K12S-LS-4K (License for 4K upgrad</li> </ul>

- BL-PP97 (Bolin 97W High Power POE Injector)
- VCC-CM (Ceiling Mount) • VCC-WM (Wall Mount)

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