

## DATASHEET

**TBK-BUL8621**

## MAIN FEATURES

- 2MP resolution (1920 × 1080 @25fps).
- 2.8 mm fix lens.
- Sensitivity: 0,01 Lux color (F1.2, AGC ON).
- 30 m IR range
- H.265+ encoding.
- ROI encoding.
- IP67

Fix lens IP bullet camera, with 2 Megapixels resolution real time. Good quality image and efficient video encoding, at a competitive price.

**novum**

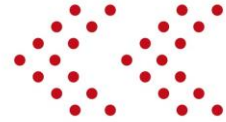
This camera belongs to **novum** product range. This product range includes as well DVRs, NVRs, and other IP camera models, with a common software platform, and constitutes an important technological renovation. The platform allows access to the devices in a simple way, and supports the P2P service, which eliminates the need to open ports, greatly simplifying the installation.

TBK Novum Management Software allows to centrally manage the devices from several installations (both recorders and cameras), with support of multiple monitors, maps, and event management. The TBK SuperVision smartphone application (TBK SuperV) also provides the flexibility and mobility necessary to monitor CCTV installations from a mobile phone or tablet, with notifications in case of alarm, thanks to push technology.




**TBK-BUL8621**
**SPECIFICATIONS**

<b>CAMERA</b>	
Image Sensor	1/2.8" progressive scan CMOS
Min. Illumination	Color: 0.01 Lux @(F1.2, AGC ON), 0.028Lux @ (F2.0, AGC ON)
Shutter Speed	1/3 s to 1/100,000 s
Slow Shutter	Yes
Auto-Iris	No
Day & Night	IR cut filter
Digital Noise Reduction	3D DNR
WDR	Digital WDR
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 180°, rotation: 0° to 360°
<b>LENS</b>	
Focal Length	2.8 mm
Aperture	F2.0
Focus	No
FOV	Horizontal FOV 103°, Vertical FOV 59°, Diagonal FOV 118°
Lens Mount	M12
<b>IR</b>	
IR Range	Up to 30 m
Wavelength	850 nm
<b>COMPRESSION STANDARD</b>	
Video Compression	Main stream: H.265/H.264 Sub stream: H.265/H.264/MJPEG
H.264 Type	Baseline Profile/Main Profile/High Profile
H.264+	Main stream supports
H.265 Type	Main Profile
H.265+	Main stream supports
Video Bit Rate	32 Kbps to 8 Mbps
<b>SMART FEATURE SET</b>	
Region of Interest	1 fixed region for main stream and sub-stream
<b>IMAGE</b>	
Max. Resolution	1920 × 1080
Main Stream Max. Frame Rate	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)
Sub-stream Max. Frame Rate	50Hz: 25fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240)
Image Enhancement	BLC, 3D DNR
Image Settings	Saturation, brightness, contrast, sharpness, AGC, white balance adjustable by client software or web browser
Day/Night Switch	Auto, scheduled

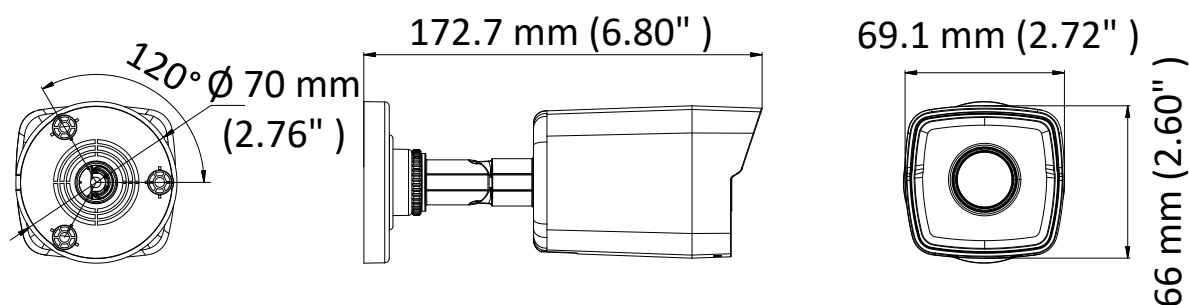

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<b>NETWORK</b>	
Alarm Trigger	Motion detection, video tampering alarm, illegal login
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour
General Function	Anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark
Firmware Version	5.5.2
API	ONVIF (PROFILE S, PROFILE G), ISAPI
Simultaneous Live View	Up to 6 channels
User/Host	Up to 32 users 3 levels: Administrator, Operator and User
Client	TBK SuperVision App (TBK SuperV), TBK Novum Management Software
Web Browser	IE8+, Chrome 31.0-44, Firefox 30.0-51, Safari 8.0+
<b>INTERFACE</b>	
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port
<b>GENERAL</b>	
Operating Conditions	-30 °C to 50 °C (-22 °F to 122 °F), humidity: 95% or less (non-condensing)
Power Supply	12 VDC $\pm$ 25%, 5.5 mm coaxial power plug PoE (802.3af, class 3)
Power Consumption and Current	12 VDC, 0.4 A, Max: 5 W PoE: (802.3af, 36 V to 57 V), 0.2 A to 0.13 A, Max: 7 W
Ingress Protection	IP67 TVS 2000V lightning protection, surge protection and voltage transient protection
Material	Metal & Plastic
Dimensions	Camera: $\varnothing$ 70 mm $\times$ 172.7mm ( 2.7" $\times$ 6.8") With package: 216 mm $\times$ 121 mm $\times$ 118 mm (8.5" $\times$ 4.8" $\times$ 4.6")
Weight	Camera: Approx. 280 g (0.62 lb.) With package: Approx. 530 g (1.17 lb.)



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### DIMENSIONS



### ACCESSORIES



TBK-364C  
Junction box