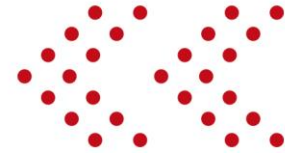


## DATASHEET

### TBK-CB9625W



#### MAIN FEATURES

- 2MP resolution (1920 × 1080 @25fps).
- 2.8 mm fix lens.
- Sensitivity: 0,01 Lux color (F1.2, AGC ON).
- Wide Dynamic Range 120 dB.
- 10 m IR range.
- H.265+ encoding, ROI encoding.
- Smart functions (line crossing, intrusion, face detection).
- Built-in microphone and bidirectional audio.
- PIR detector (10 m range).
- Wifi.

Wifi Cube IP camera, with 2 Megapixels resolution real time. Easy installation, with Wireless (Wifi) or wired (POE) connection to network. Built-in microphone and bidirectional audio, and integrated PIR detector. Double-scan Wide Dynamic Range (120 dB), especially useful in locations with strong backlighting.

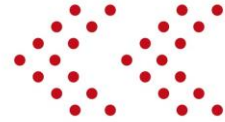


## NOVUM

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.

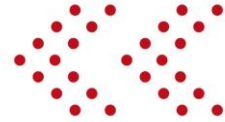



**TBK-CB9625W**
**SPECIFICATIONS**

CAMERA	
Image Sensor	1/2.7" Progressive Scan CMOS
Min. Illumination	Color: 0.01 Lux @ (F1.2, AGC ON), 0.028 lux @(F2.0, AGC ON), 0 lux with IR
Shutter Speed	1/3 s to 1/100,000 s
Slow Shutter	Yes
Day & Night	IR Cut Filter
Digital Noise Reduction	3D DNR
WDR	120dB
3-Axis Adjustment	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°
LENS	
Focal length	2.8
Aperture	F2.0
FOV	Horizontal FOV: 114°, Vertical FOV: 62°, Diagonal FOV: 135°
Lens Mount	M12
IR	
IR Range	10 m
Wavelength	850nm
PIR	
Angle	Horizontal: 90°, Vertical: 80°
PIR Range	10 m
COMPRESSION STANDARD	
Video Compression	Main stream: H.265/H.264 Sub-stream: H.265/H.264/MJPEG Third stream: H.265/H.264
H.264 Type	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 16 Mbps
Audio Compression	G722.1/G711ulaw/G711alaw/G726/MP2L2/PCM
Audio Bit Rate	64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-160Kbps(MP2L2)
SMART FEATURE SET	
Behavior Analysis	Line crossing detection, intrusion detection
Face Detection	Yes
Region of Interest	Support 1 fixed region for main stream and sub-stream separately


**TBK-CB9625W**
**SPECIFICATIONS**

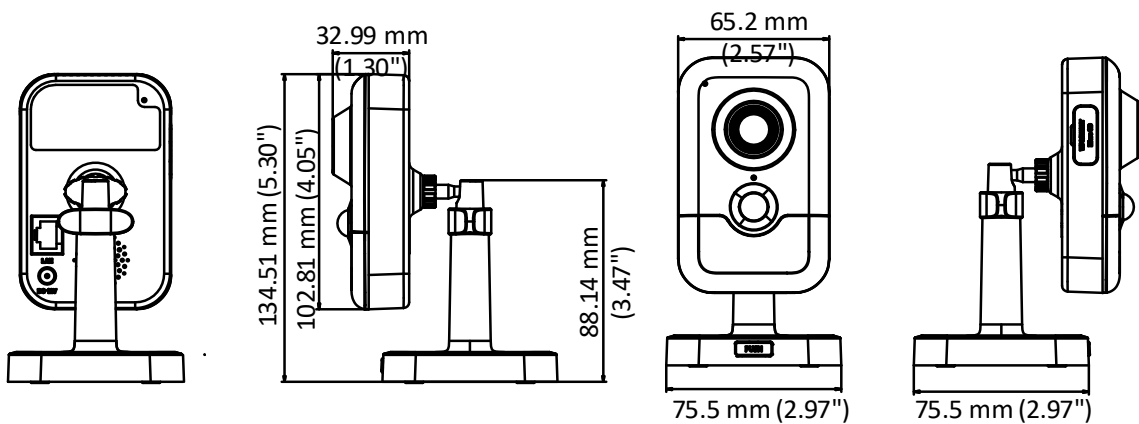
IMAGE	
Max. Resolution	1920 × 1080
Main Stream	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)
Sub-Stream	50Hz: 25fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240)
Third Stream	50Hz: 25fps (1920 × 1080, 1280 × 720, 640 × 360, 352 × 288) 60Hz: 30fps (1920 × 1080, 1280 × 720, 640 × 360, 352 × 240)
Image Setting	Rotate mode, saturation, brightness, contrast, sharpness and white balance adjustable by client software or web browser
Image Enhancement	BLC/3D DNR/HLC
Day/Night Switch	Day/Night/Auto/Schedule
NETWORK	
Network Storage	Support MicroSD/SDHC/SDXC card (128G), local storage and NAS (NFS,SMB/CIFS), ANR
Alarm Trigger	Motion detection, video tampering, network disconnected, IP address conflict, HDD full, HDD error, PIR, illegal login
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP™, SMTP, SNMP, IGMP, QoS, IPv6
General Function	One-key reset, anti-flicker, three streams, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter
Firmware Version	V5.5.80
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	Plug-in required live view: IE8+, Chrome 41.0-44, Firefox 30.0-51, Safari 8.0-11 Plug-in free live view: Chrome 45.0+, Firefox 52.0+
INTERFACE	
Audio	1 built-in mic, 1 built-in speaker, mono sound
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port
On-board storage	Built-in Micro SD/SDHC/SDXC slot, up to 128G
SVC	Support H.264 and H.265 encoding
Reset Button	Yes



**TBK-CB9625W** SPECIFICATIONS

WIFI	
Wireless Standards	IEEE 802.11b/g/n
Frequency Range	2.412 GHz to 2.4835 GHz
Channel Bandwidth	20M/40M
Protocols	802.11b: DQPSK, DBPSK, CCK 802.11g/n: OFDM/64-QAM, 16-QAM, QPSK, BPSK
Security	WPA, WPA2
Transfer Rates	11b: 11Mbps, 11g: 54Mbps, 11n: up to 150Mbps
Wireless Range	50 m
AUDIO	
Environment Noise Filtering	Yes
Audio Sampling Rate	8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz
GENERAL	
Operating Conditions	-10 °C to +40 °C (14 °F to +104 °F), Humidity 95% or less (non-condensing)
Power Supply	12 VDC ± 25%, PoE (802.3af, class 3)
Power Consumption and Current	12 VDC, 0.5 A, max. 6 W, Φ 5.5 mm coaxial plug power PoE (802.3af, 36 V to 57 V), 0.2 A to 0.1 A, max. 7 W
Material	Plastic
Dimensions	102.8 mm × 65.2 mm × 32.6 mm (4.1" × 2.6" × 1.3")
Weight	Camera: Approx. 128 g (0.3 lb.)

**DIMENSIONS**



Bracket included.