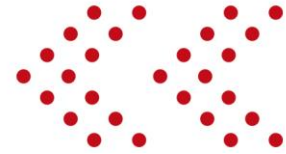


DATASHEET

TBK-MD9641



MAIN FEATURES

- 4MP resolution (2560 × 1440 @20fps).
- 2.8 mm fix lens.
- Sensitivity: 0,01 Lux color (F1.2, AGC ON).
- Wide Dynamic Range 120 dB.
- 30 m IR range
- H.265+ encoding.
- ROI encoding.
- IP67

Fix lens IP minidome, with 4 Megapixels resolution at 20FPS. Double-scan Wide Dynamic Range (120 dB), especially useful in locations with strong backlighting or where it is required to see both what is happening inside and outside (entrance areas).

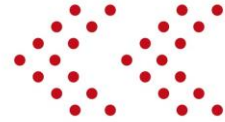


NOVUM

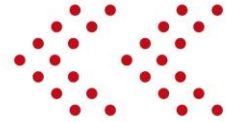
This camera belongs to **novum** product range. This product range includes as well DVRs, NVRs, and other IP camera models, with a common software platform, and constitutes an important technological renovation. The platform allows access to the devices in a simple way, and supports the P2P service, 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-MD9641
SPECIFICATIONS

CAMERA	
Image Sensor	1/3" 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	120 dB
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 75°, rotation: 0° to 360°
LENS	
Focal Length	2.8 mm
Aperture	F2.0
Focus	No
FOV	Horizontal FOV 100°, Vertical FOV 55°, Diagonal FOV 117°
Lens Mount	M12
IR	
IR Range	Up to 30 m
Wavelength	850 nm
COMPRESSION STANDARD	
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
SMART FEATURE SET	
Region of Interest	1 fixed region for main stream and sub-stream
IMAGE	
Max. Resolution	2560 × 1440
Main Stream Max. Frame Rate	50Hz: 20fps (2560 × 1440), 25fps (2304 × 1296, 1920 × 1080, 1280 × 720) 60Hz: 20fps (2560 × 1440), 30fps (2304 × 1296, 1920 × 1080, 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

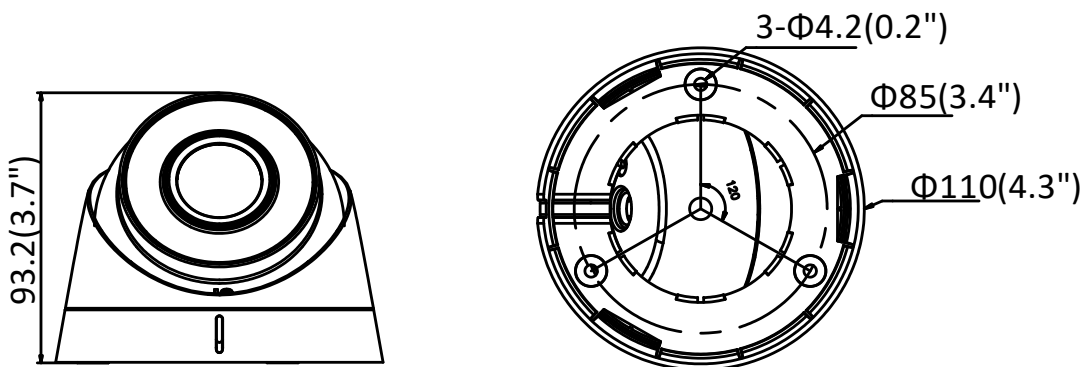

TBK-MD9641
SPECIFICATIONS

NETWORK	
Network Storage	NAS (NFS, SMB/CIFS)
Alarm Trigger	Motion detection, video tampering alarm, illegal login
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour
General Function	Anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter
Firmware Version	5.5.3
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+
INTERFACE	
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port
GENERAL	
Operating Conditions	-30 °C to 50 °C (-22 °F to 122 °F), humidity: 95% or less (non-condensing)
Power Supply	12 VDC ± 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 0.1 A, Max: 6.5 W
Ingress Protection	IP67 TVS 2000V lightning protection, surge protection and voltage transient protection
Material	Metal & Plastic
Dimensions	Camera: Ø 110 mm × 93.2 mm (4.3" × 3.7") With package: 150 mm × 150 mm × 141 mm (5.9" × 5.9" × 5.6")
Weight	Camera: approx. 350 g (0.8 lb.) With package: approx. 610 g (1.3 lb.)



TBK-MD9641

DIMENSIONS



Unit:mm(inch)