

TKH SECURITY

BC950

5MP box camera, C/CS-mount, H.265/H.264/MJPEG, ABF

DESCRIPTION

Preliminary Datasheet The BC950 is an 5MP HD box camera with built-in auto backfocus providing razor-sharp 5MP images even under difficult lighting conditions. The camera has multi-stream capabilities for simultaneously streaming of H.265/H.264/MJPEG. Multiple combinations of resolution and frame rate can be configured. To have a secured network environment, BC950 is capable of streaming out by HTTPS protocol as well as SRTP protocols.

FEATURES

Max 5MP 30fps, 1080p 60fps

Quad stream H.264, H.265 and MJPEG

Secured Streaming SRTP

CS mount with selected lens

Auto back focus (ABF)

Embedded Video analytics

Built-In Gyro, EIS

ONVIF Profile S, G and T





Camera			
Image Sensor	1/2.7" Progressive CMOS		
Effective pixels	2720x1976 (5MP)		
Minimum scene illumination	Color: 0.08lux, B/W: 0.008 lux, 0lux with		
	IR illumination on, F1.6, 30IRE, 1/1 shutter speed		
Shutter Speed	1 sec. to 1/30,000 sec.		
Lens Mount	CS Mount		
Iris Control	Adaptive P-iris and DC-iris		
Focus Control	Autofocus		
Slow Shutter	Supported		
Day/Night	Automatical IR-cut Filter		
Video			
Video Compression	H.265 (Main Profile) / H.264	(High Profile/Main Profile) / MJPEG	
Max. Resolution	2560x1920 30fps(WDR Pro on), 1920x1080 60fps (WDR Pro off)		
Supported Resolution	2560x1920 (5MP); 2592x1944, 2688x1512,1920x1080, 1280x1024,		
· · ·	1280x720, 1360x768, 640x360, 480x272		
Frame Rate	25/30fps, 50/60fps		
Number of simultaneous streams	Quad streams		
Video Bitrate	64 Kbps 20 Mbps		
30fps	2688x1944 720x48	80 640x480 352x240	
30fps	2688×1944	1024x768	
60fps(Shutter WDR OFF)	1920x1080 1280x720		
Bitrate Control	Constant bit rate (CBR), variable bit rate (VBR), Smart bitrate		
Number of video output streams	Up to 10 (RTSP)		
Total Output Data	51.2Mb/s		
Video output	1 Vp-p; 2-pin to BNC patch cable (For test/installation only)		
Region of interest	Support		
Image			
Wide dynamic range	120dB		
White Balance	Auto, Fixed, Manual		
Image Setting	Saturation, Brightness, Contrast, Sharpness, Backlight Compensation,		
	Highlight Compensation, WDR, Exposure control, Gain, Defog		
Day/Night Switch	Auto/Scheduled/Triggered by Alarm In		
Image Enhancement	2DNR, 3DNR, Defog		
Image Stabilization	Yes, Built-in Gyro		
Digital Zoom	10x		
Image Rotation	90°, 180°, 270° rotation		
Text and picture overlay	Date & time, Preset title		
Privacy mask	Support		
Analytics			

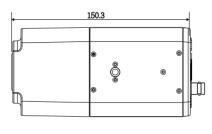
Specs

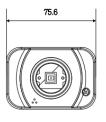


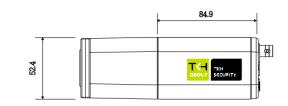
Analytics		
	Object Removal	
Event detections	External Input, Periodical Event, Tampering, Audio Detection,	
	Manual Trigger, System boot, recording notification	
Event Action	Alarm output, Record video clip to NAS/SD card, Send alarm message	
	and image by E-mail/FTP, Send HTTP notification	
Audio		
Capability	Two-way stereo audio	
Audio Interface	1x 3.5 mm audio in (line in) ; 1x 3.5 mm audio out interface	
Compression	G.711, G.726, AAC, LPCM	
Data		
Serial port	RS-485, 2-wire terminal block	
Protocols	Pelco D, Pelco P	
Alarm		
Input	2x	
Output	2x	
Operational modes	Motion detection, Tampering alarm, Alarm I/O	
Network		
Communication Interface	10/100 Mb (RJ45)	
Network protocols	IPv4/IPv6, HTTP, HTTPS (TLS1.2), 802.1x, Qos, FTP, SMTP(SSL), UPnP,	
	SNMP(v1/v2/v3/Traps), DNS, DDNS, NTP, RTSP, RTCP, RTP/UDP, TCP/IP, IGMP(v2/v3)	
	DHCP, PPPoE, SSL/TLS, SRTP, ONVIF Profile S/G/T, Siqura Protocol	
Security	User authentication, Privilege Management, Syslog, Digest authentication (RTSP, HTTF	
	HTTPS encryption (TLS1.2); IEEE 802.1x port-based network access control, IP filtering,	
	signed firmware, secured bootup	
Web Viewer	Internet Exploer 11, Microsoft Edge, Google Chrome, Mozilla Firefox	
General		
Material	Die cast aluminum and Plastic	
Edge Storage	Built-in micro SD/SDHC/SDXC slot, up to 512 GB	
Power	AC24V, 12 Vdc (terminal block), IEEE 802.3af PoE Class 0, Max. 9.11W	
Operating temperature	-30 °C to +60 °C (-22 °F to +140 °F)	
Relative Humidity	+5% to 100%	
Dimensions(camera body)	150x82x52 mm	
Weight	395g	
Color	RAL 7037, RAL9005	
Ordering Information		
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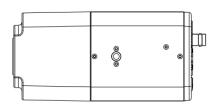
DIMENSION IN MM











GROUP TKH

RELATED



Siqura Fixed Camera Accessories

Mounting kits for fixed dome and bullet camera



Siqura HSG04

Outdoor Wiper housing for a fixed box camera



Siqura HSG02LV Outdoor housing for a fixed box camera



Siqura Lenses Megapixel Varifocal Lenses



Siqura XSNet 3100EoC 10/100/1000Base-TX Ethernet over Coax Adapter



Siqura XSNet 3100EoC 10/100/1000Base-TX Ethernet over Coax Adapter



Siqura XSNet C3100MC Hardened 10/100Base-TX to 100Base FX Media Converter



TKHSecuritySolutions XSNet C4104 SW 4-port + 2-port switch



Siqura XSNet C4108 SW 8+2-Port field-hardened Gigabit Ethernet switch



TKHSecuritySolutions XSNet S4104 SW 4 + 2-Port Fast Ethernet switch



Siqura XSNet S4108 SW 8+2-Port Gigabit Ethernet switch



Siqura XSNet C4208 SW PoE v2 8+2-Port Gigabit Ethernet switches with PoE

TKHSecuritySolutions XSNet C6108 SW 8+4-Port field-hardened Gigabit Ethernet switch



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