

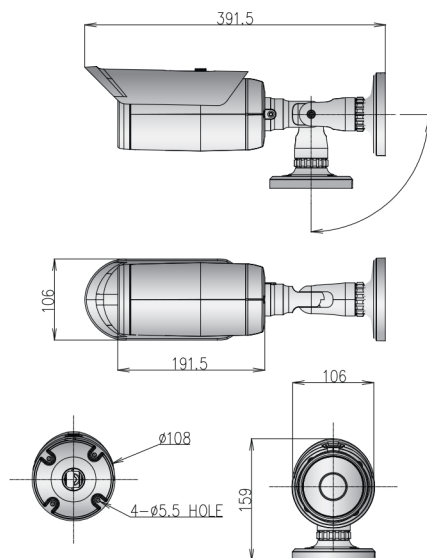
TX-B3504U1R



제품특징

- 1/1.8" CMOS Image Sensor
- 야간 초저조도(TRUE Light) 기능
- TRUE DIS(자이로센서 적용) 기능
- 지능형 이미지 프리셋 기능
- AI 딥러닝 객체 감지(사람, 자동차, 오토바이, 자전거, 번호판등)
- *객체 상세 분류 : 성별, 색상, 모자, 마스크, 가방, 차량 종류 등
- AI 기반 분석 속성값 제공(attribute data)
- 최대 줌(Optical x4/IPx10)
- 최대 30fps@3072x1728
- 퀵드 스트리밍 지원(Pri: H.265/H.264, Sec3: H.265/H.264/MJPEG)
- 야간 최대 가시거리 30m 지원
- AI 영상 분석 기능
- *IVA: 가상선/영역, 출입 감지, 배회, 방향 감지, 발생/소멸 감지 등
- *분석 이벤트 : 디포커스 감지, 움직임 감지, 템퍼링, 오디오 감지

외관도



Imaging	Sensor	1/1.8" CMOS Image Sensor
	Zoom	Optical 4x
	Focal length	f = 4.1 ~ 16.4mm
	Angle of view	Horizontal : 103.9°(wide) ~ 26.0°(tele), Vertical : 57.1°(wide) ~ 14.3°(tele) Diagonal : 120.4°(wide) ~ 30.1°(tele)
	Maximum aperture ratio	F1.53 ~ F3.3
	Min object distance	T.B.D
	Focus control	Oneshot AF
	Lens type	DC auto iris
	Min illumination	Color : 0.01 Lux (1/30sec, 30IRE), BW : 0 Lux (IR ON)
	Electronic shutter speed	1/1 ~ 1/100,000 sec
	Day & Night	Day / Night / Auto
	Back light compensation	BLC / HLC / WDR
	Wide dynamic range	120dB
	White balance	Auto tracing white / Auto white / Manual
	Gain control	Auto
	Noise reduction	Auto / Manual
Camera Functions	Image stabilization	EIS(Gyro)
	Defog	Support
	Image rotation	Horizontal(Mirror), Vertical(Flip)
	Motion detection	8 regions on 23x15 cells
	Privacy masking	8 regions (polygons of 8 points)
Video	Video analytics	Motion detection, object detection, face detection, intrusion detection, missing object detection, abandoned object detection, line counting, ANPR, vehicle speed detection, directional detection, defocus detection, object blurring
	IR LED	4 pieces, 30m
	Burn-in OSD	Camera title, direction, user-defined Multi-lingual: (English, Korean, French, German, Spanish, Italian, Russian, Japanese, Swedish, Portuguese, Dutch, Hungarian, finnish, Special Symbols)
Audio	Compression	H.264 / H.265 / MJPEG
	Frame rate	Max 30fps @ 3072x1728
	Bitrate control	H.264/H.265: CBR / VBR / Hybrid, MJPEG: VBR
	Resolutions	3072x1728 ~ 352x240
Event and Alarm	Streaming	Quad Streaming: Primary : H.264 / H.265, Secondary x 3 : H.264 / H.265 / MJPEG
	Compression	G.711 u-law
	Sampling rate	G.711: 8KHz
	Bitrate	G.711: 64Kbps
Network	Streaming	Full-duplex
	Input & Output	1 x Line-In (mono), 1 x Line-Out (mono)
	Event sources	Video analytics, Audio detection, Client disconnection, Sensor input, User-defined event
	Event actions	E-mail notification, OSD alert, FTP upload, PTZ preset, Alarm control, Recording, HTTP action
Power / Operating Conditions	Interface	Ethernet 10/100/1000 base-T (RJ-45)
	Protocol	IPv4/v6, TCP, UDP, IGMP(Multicast), ICMP, DHCP, HTTP, HTTPS, RTP, RTSP, FTP, SNMP, SMTP, UPnP, WS-Discovery, Zero Configuration, NTP, DDNS, RTMP
	Security	Basic/Digest authentication, HTTPS, IP address filtering, User access log
	Application programming interface	Truen protocol/SDK, ONVIF, PSIA, MPEG-TS
General	Power supply	DC 12V/3.0A, PoE(Power over Ethernet) : 802.3at
	Power consumption	DC12V/PoE : 15W
	Operating condition	-20°C ~ 70°C / Less than 90% RH
	Storage condition	-50°C ~ 60°C / Less than 95% RH
General	Certifications	IP67, IK10, KC
	External devices	1 x Sensor-In (dry contact, NO/NC) 1 x Alarm-Out (dry contact, NO) 1 x RS-485 port : Z/F control etc.
	Edge storage	Micro SD/SDHC/SDXC (Max 512GB)
	Color/Material	Body: Gray / Aluminium Head: Gray / Aluminium
	RAL code	White: T.B.D, Black: T.B.D
	Dimension	Ø108 x 391.5mm
	Weight	1.690 kg