

## 4K, x4 Zoom IP AI Bullet CAMERA

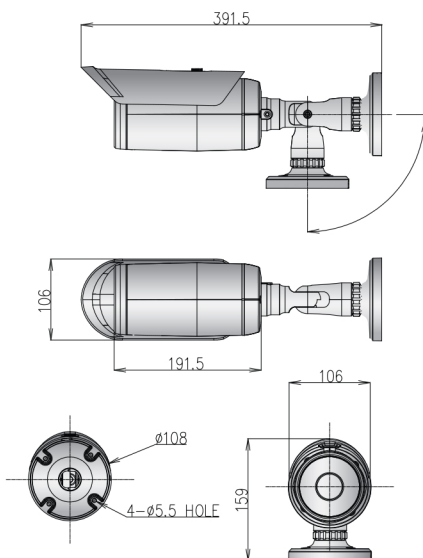
## TX-B3804U1R



## 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 x4/1P×10)
- 최대 30fps@3840x2160
- 쿼드 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
Video	Privacy masking	8 regions (polygons of 8 points)
	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
Audio	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)
	Compression	H.264 / H.265 / MJPEG
	Frame rate	Max 30fps @ 3840x2160
	Bitrate control	H.264/H.265: CBR / VBR / Hybrid, MJPEG: VBR
	Resolutions	3840x2160 ~ 352x240
Event and Alarm	Effective Pixel	3864x2180
	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, TTA certification
	Application programming interface	Truen protocol/SDK, ONVIF, PSIA, MPEG-TS
	Power supply	DC 12V/3.0A, PoE(Power over Ethernet) : 802.3at
General	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
	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	1.611 kg