

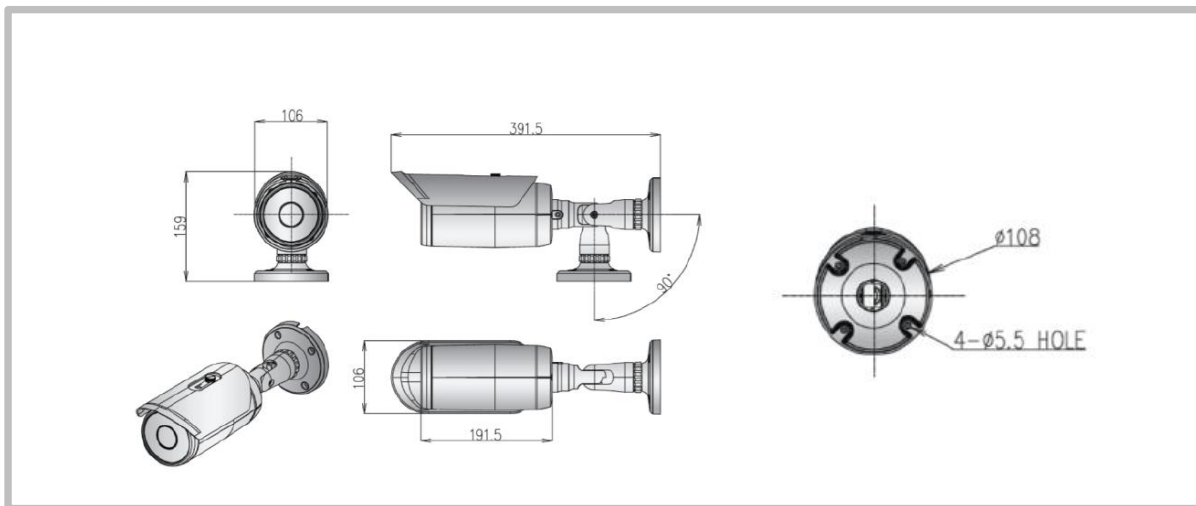
DH-TN8MM

“AI 4K, x4 Zoom IP IR Bullet Camera”

- 1/1.8" CMOS Image Sensor
- 야간 초저조도(TRUE Light) 기능
- TRUE DIS(자이로센서 적용) 기능
- 지능형 이미지 프리셋 기능
- AI 기반 객체 감지 기능(사람, 자동차, 오토바이, 자전거 번호판 등)
- 최대 줌(Optical x4 / IP x10)
- 최대 30fps@3840x2160
- 쿼드 스트리밍 지원(Pri : H.265/H.264, Sec x3 : H.265/H.264/MJPEG)
- 안개보정, 흔들림 보정 기능 지원
- 야간 최대 가시거리 50m 지원
- 지능형 영상분석 기능(탐퍼링 / 침입 / 라인크로스 / 소리 / 영상감지 외)
- AI 기반 Object Mask(객체 마스킹) 지원



Dimension



Specification

SPEC		DH-TN8MM
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)
	Maximum aperture ratio	F1.53 ~ F3.3
	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
	White balance	Auto tracing white / Auto white / Manual
	Gain control	Auto
	Noise reduction	Auto / Manual
	Image stabilization	Support
Camera Functions	Defog	Support
	Image rotation	Horizontal (Mirror), Vertical (Flip)
	Motion detection	8 regions on 23x15 cells
	Privacy masking	8 regions (polygons of 8 points)
Video	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)
	Compression	H.264 / H.265 / MJPEG
	Frame rate	Max 30fps @ 3840x2160
	Bitrate control	H.264/H.265 : CBR / VBR / Hybrid, MJPEG : VBR
Audio	Resolutions	3840x2160 ~ 352x240
	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	G711 : 64Kbps
Event and Alarm	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, Shock detection, User-defined event
Event and Alarm	Event actions	E-mail notification, OSD alert, FTP upload, PTZ preset, Alarm control, Recording, HTTP action

*. 이미지 또는 사양은 성능향상을 위해 변경 될 수 있습니다

Specification

SPEC		DH-TN8MM
Network	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 / Operating Condition	Power supply	DC 12V/3.0A, PoE(Power over Ethernet) : 802.3at
	Power consumption	DC 12V/PoE: Max 30W
	Operation 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 / Alluminium Head : Gray / Alluminium
	RAL code	White : TBD / Black : TBD
	Dimension	Ø108 x 391.5mm
	Weight	1.611kg

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