

2Mega, x4.3 Zoom IP IR Bullet CAMERA

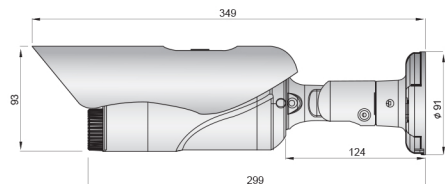
# TCAM-4322MBR



## 제품특징

- 1/2.8" CMOS Image Sensor
- 지능형 이미지 프리셋 기능
- 최대 줌(Optical x4.3/IPx10)
- 최대 30fps@1920x1080
- 트리플 스트리밍(Pri: H264/H265, Sec2: H264/H265/MJPEG)
- 야간 최대 가시거리 30m 지원

## 외관도



Imaging	Sensor	1/2.8" CMOS Image Sensor
	Zoom	Optical 4.3x
	Focal length	f = 2.8 ~ 12mm
	Angle of view	Horizontal : 105.6°(wide) ~ 24.3°(tele), Vertical : 62.6°(wide) ~ 13.8°(tele) Diagonal : 123.3°(wide) ~ 28.6°(tele)
	Maximum aperture ratio	F1.4 ~ F2.8
	Min object distance	T.B.D
	Focus control	Oneshot AF
	Lens type	DC auto iris
	Min illumination	Color : 0.02 Lux (1/30sec, 35IRE), 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
Camera Functions	Noise reduction	Auto / Manual
	Image stabilization	Support
	Defog	Support
	Image rotation	Horizontal(Mirror), Vertical(Flip)
	Motion detection	8 regions on 23x15 cells
Video	Privacy masking	4 regions
	Video analytics	Motion detection, intrusion detection, line crossing detection, video face detection, camera tampering detection
	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 @ 1920x1080
	Bitrate control	H.264/H.265: CBR / VBR / Hybrid, MJPEG: VBR
	Resolutions	1920x1080 ~ 320x240
	Streaming	Triple Streaming: Primary : H.264 / H.265, Secondary x 2 : H.264 / H.265 / MJPEG
Event and Alarm	Compression	G.711 u-law
	Sampling rate	G.711: 8KHz
	Bitrate	G.711: 64Kbps
	Streaming	Full-duplex
	Input & Output	1 x Line-In (mono), 1 x Line-Out (mono)
Network	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
	Interface	Ethernet 10/100 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
Power / Operating Conditions	Application programming interface	Truen protocol/SDK, ONVIF, PSIA, MPEG-TS
	Power supply	Min DC 12V/1.5A, PoE(Power over Ethernet) : 802.3af
	Power consumption	DC12V/PoE : 11W
	Operating condition	-20°C ~ 70°C / Less than 90% RH
General	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 / Aluminum Head: Gray / Aluminum
	RAL code	White: T.B.D, Black: T.B.D
	Dimension	Ø85.7 x 297.9mm
	Weight	1.093 kg

TRUEN

Bullet

2M Camera