



SPECIFICATION	
Model NO.	TH2AFC8R
Camera	
Image Sensor	1/2.7" Progressive Scan CMOS Sensor
Resolution	8MP
Effective Pixels	2960(H)*1666(V)
Compression	H.264/H.265/MJPEG
Audio Compression	G711A/U
TV System	PAL/NTSC
Electronic Shutter Time	Auto: 1/3-1/100000Sec
Minimun Illumination	Color: 0.02 Lux@(F2.0, AGC ON), B/W: 0 Lux with IR
S/N Ratio	60dB
Scanning System	Progressive
Video Output	Network
Reset Button	Optional
Lens	
Focal Length & FOV	2.8 mm, horizontal FOV 111°, vertical FOV 61°, diagonal FOV 129° 4 mm, horizontal FOV 88°, vertical FOV 45°, diagonal FOV 110°
Lens Type	Fixed focal lens, 2.8 and 4mm optional
Focus Control	Fixed
Aperture	F2.0
Pixels	5MP
Night Vision	
Supplement Light	42μ x 2PCS
Supplement Light Distance	30M
Supplement Light Status	Auto Control
Supplement Light Power On	Smart, Manual & Timed mode
Network	
Ethernet	RJ-45 (10/100Base-T)
Wireless	N/A
Protocol	TCP/IP,IPv4/v6, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, NTP, SMTP, UDP,Qos,802.1x
ONVIF	Support ONVIF 19.12(Profile S/T)
P2P	YES
POE	Internal, Support IEEE 802.3af
Video Delay	0.3S (Within the Lan)
Main Stream 1	3840*2160@20fps 3200*1800@20fps

Main Stream 2	2880*1620@30fps
Main Stream 3	1920*1080@30fps 1280*720@30fps
Sub Stream 1	720*480@20fps/720*480@30fps
Sub Stream 2	352*288@20fps/352*288@30fps
Sub Stream 3	352*288@30fps
Tri Stream	N/A
IE Brower	IE8-11, Google Chrome, Firefox , Mac Safari
Smart Phone	iPhone, Android

AI Function

Intelligent Analysis	Intrusion Detetion(based on human detection),motion detection based on human detection
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Camera Features

Day/Night	Color/ B&W (IR-CUT)
Image Config	Saturation/Brightness/Contrast /Sharpness, Mirror, 3D NR , White Balance, Anti Flicker, HLC, Distortion
Full Color	N/A
Corridor Pattern	N/A
Defog Mode	N/A
ROI	N/A
BLC	Support
WDR	DWDR
Motion Detection	Support(support enable the detection based on human movement only)
Privacy Masking	3 Rectangular Zone
Recording Mode	NVR/CMS/Web
Language	Chinese Simplified, Chinese Traditional, English, Korean, Polish, French, Japanese, Spanish, Portuguese, Italian, Hebrew, Ukrainian, Arabic, Vietnamese, Thai, Hungarian

Interface

Audio	Default: Built in Mic
Alarm	N/A
SD Card Slot	N/A
RS485	N/A

General

Housing	Metal+Plastic, IP66
Anti-cut Bracket	NO
IR Cut Filter	YES
Operation Temperature	-20℃ ~ +50℃ RH95% Max
Storage Temperature	-20℃ ~ +60℃ RH95% Max
Power Source	DC12V±10%, 700mA
Dimension	φ110x95mm
Weight	295g