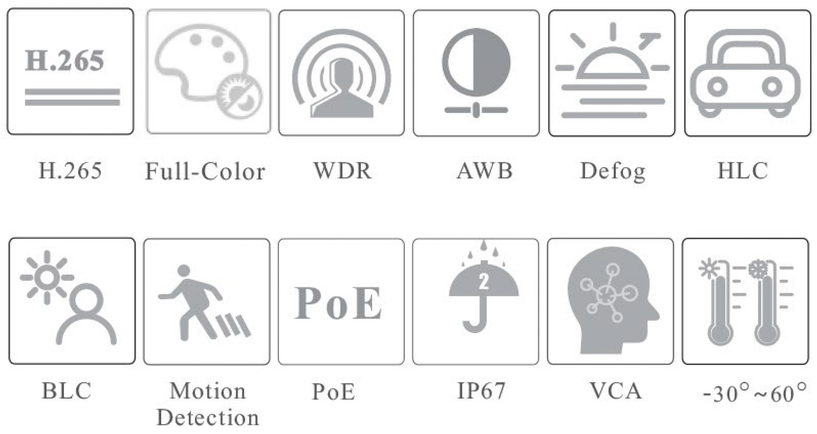
Light Explorer

K-CTIP5MPFW

5MP Full-collor Turret Network Camera

- 5MP (2592 × 1944) H.265 full real time coding
- Max. resolution: 2592 × 1944
- 24/7 full color imaging
- 20 ~ 30m white light view distance
- 3D DNR, true WDR, HLC, BLC, Defog and ROI coding
- Support image distortion correction
- Built-in micro SD card slot, up to 256GB
- DC12V/PoE power supply
- IP 67 ingress protection
- Support three streams
- Support remote monitoring by smart phones & tablet PCs with iOS and Android OS
- Intelligent analytics



RoHS CE FC PoE ONVIF

K-CTIP5MPFW

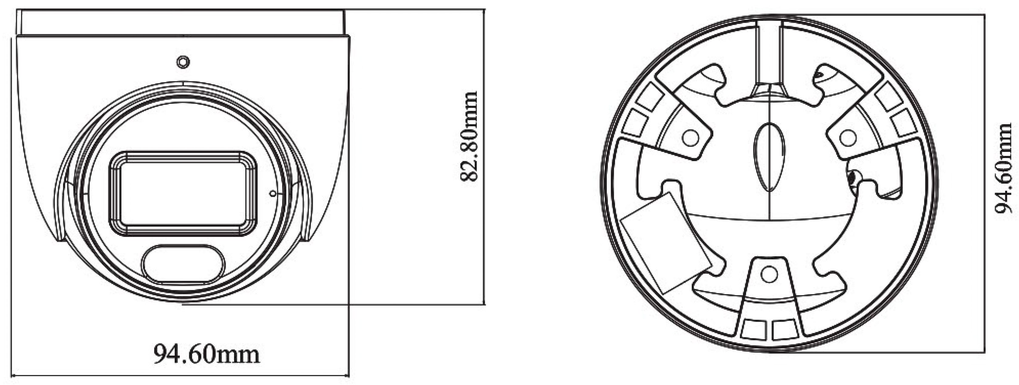
5MP Full-Color Turret Network Camera

SPECIFICATIONS

Model / Specifications	K-CTIP5MPFW			
Camera				
Image Sensor	1 / 2.7" CMOS			
Image Size	2592 × 1944			
Electronic Shutter	1s ~ 1 / 100000 s			
Iris Type	Fixed Iris			
Min. Illumination	0 lux (LED ON)			
S/N Ratio	⩾50dB			
Lens	2.8 mm@F1.0, horizontal FoV: 94.8°; vertical FoV: 78.4°; diagonal FoV:107.3° 3.6 mm@F1.0, horizontal FoV: 77.9°; vertical FoV: 62.5°; diagonal FoV:90.6°			
Focus	Fixed			
Lens Mount	M12			
Wide Dynamic Range	120dB			
BLC	Yes			
HLC	Yes			
Defog	Yes			
Digital NR	3D DNR			
Angle Adjustment	Pan: 0°~360°; Tilt:0°~75°; Rotation: 0°~360°			
Image				
Video Compression	Main stream: H.265+ / H.265 / H.264+ / H.264 Sub stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG Third stream: H.265+ / H.265 / H.264+ / H.264 / MJPEG			
H.264 Compression Standard	Baseline Profile/Main Profile/High Profile			
Resolution	5MP (2592×1944), 4MP (2592×1520), 2K (2560×1440), 3MP(2304×1296),1080P (1920×1080), 720P (1280×720), D1, CIF, 480×240			
Main Stream	5MP/4MP/2K/3MP/1080P / 720P(60Hz : 1 ~ 30fps; 50Hz: 1~25fps)			
Sub Stream	720P/D1/CIF/480×240 (60Hz : 1 ~ 30fps; 50Hz: 1~25fps)			
Third Stream	D1/CIF/480×240 (60Hz : 1 ~ 30fps; 50Hz: 1~25fps)			
Bit Rate	64 Kbps ~ 8 Mbps			
Bit Rate Type	VBR / CBR			
Audio Compression	G711A / U			
Image Settings	ROI, Saturation, Brightness, Hue, Contrast,Wide Dynamic, Sharpness, Image Flip, Image Mirror, NR, etc. adjustable through client software or web browser			
ROI	Each ROI to be configured separately			
Interfaces				
Network	RJ45			
Video Output	No			
Audio	1CH audio input; 1 CH built-in MIC			
Storage	Built-in micro SD card slot; up to 256GB			
Reset	Yes			
Alarm	No			
Intelligent Analytics (Smart Events)				
Perimeter Protection	Line crossing, intrusion (human/motor vehicle/non-motor vehicle classification)			
Target Counting	Line crossing human/motor vehicle/non-motor vehicle counting			
Exception Detection	Scene change, video blur and video color cast detection			
Face Detection	Face detection and face capture			
DORI Distance				
Lens	Detect	Observe	Recognize	Identify
2.8mm	70.72m(232.02ft)	28.29m(92.81ft)	14.14m(46.39ft)	7.07m(23.19ft)
3.6mm	88.36m(289.89ft)	35.34m(115.94ft)	17.67m(57.97ft)	8.84m(29.00ft)
Functions				
Remote Monitoring	Web browsing, CMS remote control			
Online Connection	Support simultaneous monitoring for up to 10 users; Support multi-stream real time transmission			
Network Protocol	UDP, IPv4, IPv6, DHCP, NTP, RTSP, RTP, RTCP, PPPoE, DDNS, SMTP, FTP, SNMP, HTTP, 802.1x, UPnP, HTTPs, QoS			
Interface Protocol	ONVIF			
Storage	Network remote storage; micro SD card storage			

Smart Alarm	Motion detection, SD card error, SD card full
General Function	Watermark, IP address filtering, video mask, heartbeat, illegal login lock, corridor pattern
PoE	Yes, IEEE802.3af
White Light Range	20~30 m
Ingress Protection	IP67
Others	
Power Supply	DC12V/PoE
Power Consumption	< 7W
Storage Conditions	- 30 °C ~ 65°C (-22°F~149°F), Humidity: less than 95 % (non-condensing)
Operating Conditions	- 30 °C ~ 60 °C (-22°F~140°F), Humidity: less than 95 % (non-condensing)
Dimensions (mm)	Ø 94.6 × 82.8
Weight (net)	Approx. 0.46KG
Installation	Ceiling mounting; Wall mounting
Certificate	CE, FCC
Environmental Protection	Complies with Directive EU RoHS, WEEE(2012/19/EU) , directive 94/62/EC and REACH(EC1907/2006)

DIMENSIONS



AVAILABLE ACCESSORIES

AVAILABLE MODEL

Available Model	K-CTIP5MPFW

*All pictures and specifications are for reference only and are subject to change without prior notice.