



PTZ IP Network Camera, 2-Megapixel, H.265, 32X Optical Zoom, 200M Smart IR, IP66, IK10



FCS-4064

H/W Version: 2

FCS-4064 2MP 32× Network IR Speed Dome adopts 1/2.8" Progressive Scan CMOS chip. With the 32× optical zoom lens, the camera offers more details over expansive areas. This series of cameras can be widely used for wide ranges of high-definition, such as the rivers, forests, roads, railways, airports, ports, squares, parks, scenic spots, stations and large venues, etc.

Key Features

- 1/2.8" Progressive Scan CMOS
- H.265+, H.265, H.264, MJPEG Video CODEC with Triple Stream Support
- Up to 2 Megapixel (1920x1080) resolution with 30FPS support
- 32x Optical Zoom, 16x Digital Zoom
- Smart Features such as Auto-Tracking, Face Detection, Unattended Baggage Detection
- 120 dB WDR, 3D DNR, HLC, BLC, Defog, 200M Smart IR
- Built-in Micro SD/SDHC/SDXC card slot, up to 256 GB
- 60W Hi-PoE, AC24V

Technical Specification

CAMERA	
Image Sensor	1/2.8" Progressive CMOS
Minimum Illumination	• Color: 0.005 lux • Black and White: 0.001 lux, 0 lux (IR ON)
Shutter Speed	1 ~ 1/30,000 sec
Lens	4.8mm ~ 153.6mm, 32x Optical Zoom, 16x Digital Zoom, Auto Iris

	Control
Zoom Speed	Approximately 3.6 second (Optical Wide-Tele) Auto Focus, Semi-Focus, Manual Focus
Angle of View	58.60°~2.40°, 33.60°~1.14°, 67.00°~2.80° Horizontal, Vertical, Diagonal Field of View
Minimum Working Distance	4.80mm~153.60mm (Wide-Tele)
Aperture Range	Max F1.6
Day and Night	Automatic Day/Night Operation with IR Cut Filter (ICR)
Infrared	200M Smart Infrared Built-in
Dynamic Range	Wide Dynamic Range (WDR) 120dB
PAN & TILT	
Pan Range	360° Endless
Pan Speed	Configurable 0.1°/s ~ 160°/s, Preset Pan Speed = 240°/s
Tilt Range	-15°~90° (Auto Flip)
Tilt Speed	Configurable 0.1°/s ~ 120°/s, Preset Pan Speed = 200°/s
Preset	300
Patrol	8 Patrols, up to 32 Preset per Patrol
Pattern	4 Pattern, Recording time not less than 10 minutes per Pattern
Other	PTZ Position Display, Power-off Memory, 3D Positioning, Scheduled Task
SMART FEATURES	
Park Action	Preset/Pattern Scan, Patrol Scan, Auto Scan, Tilt Scan, Random Scan, Frame Scan, Panorama Scan
Smart Detection	Face, Intrusion, Line Crossing, Region Entrance/Exit, Object Removal, Unattended Baggage, Motion Detection, DI, DO, Video Tampering, and Exception
DORI	
Detect	- Definition = 25 px/m - Distance = 1600.0 m
Observe	- Definition = 63 px/m - Distance = 634.90 m
Recognize	- Definition = 125 px/m - Distance = 320.0 m
Identify	- Definition = 250 px/m - Distance = 160.0 m

COMPRESSION	
Video Stream	3 Streaming Profile
Video CODEC	H.265+, H.265, H.264, MJPEG
Video Bit Rate	32kbps ~ 16Mbps
Audio CODEC	G.711alaw/G.711ulaw/G.722.1/G.726/MP2L2/PCM
IMAGE	
Max Resolution	1920 x 1080 (16:9 Aspect Ratio)
Frame Rate	50Hz: 250fps (1920 × 1080, 1280 x 720, 704 x 576, 640 x 480, 352 x 288) 60Hz: 30fps (1920 × 1080, 1280 x 720, 704 x 480, 640 x 480, 352 x 240)
Privacy Mask	Up to 24 Programmable Masking Zones
Image Enhancement	- Automatic Gain Control (AGC) - Automatic White Balance (AWB) - Automatic Exposure Setting (AES) - Back Light Compensation (BLC) - High Light Compensation (HLC) - Defog - Scalable Video Codec for H.265 and H.264 encoding 3D Noise Reduction (3DNR) - Region of Interest (ROI)
NETWORK	
Storage	Built-in SD/SDHC card slot, up to 256 GB
Alarm	2 Input, 1 Output, Supported Actions are Preset, Patrol, Pattern, Memory Card Record, Relay Output, Client Notification
Protocol	TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, ARP, IPv4, IPv6, Bonjour
Security	- User Login Authentication - IP Filtering - MAC Authentication
Standard	ONVIF (Profile S), PSIA, CGI, ISAPI, SDK
ENVIRONMENTAL	
Interface	1 x RJ45 10/100M Ethernet interface 2 x Digital Input + 1 x Digital Output - Audio Line In, Audio Line Out - Reset Button

Power Supply	PoE IEEE802.3at 24W Max, AC24V
Power Supply Protection	Up to 6000V TVS Lightning Protection, Surge Protection, and Voltage Transient Protection
Power Consumption	24W Max
Operating Temperature	-30°C to 65°C
Relative Humidity	Up to 90% non-condensing
Housing	IP66, IK10 Rating
Dimension	Ø220×353.4 mm
REGULATORY APPROVALS	
Standards	• FCC • CE (EN 55032:2015, 61000-3-2:2019, 61000-3-3:2013+A1:2019, 50130-4:2011+A1:2014) • CE-LVD (EN 62368-1:2014+A11:2017) • UL (62368-1) • CB (IEC 62368-1:2014+A11) • BIS • WEEE • RoHS • Manufactured in ISO9001 and ISO14001-certified factory

Order Information

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