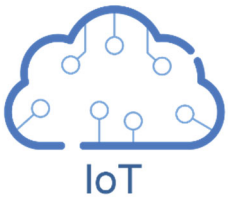
F-SC621

2 Megapixel H.265 Mini Dome Network Camera

H.265 | WDR | POE | Auto Focus | Smart IR | IP67

KEY FEATURES

- **H.265**, optimized in bit rate, bandwidth and storage usage, 50% off than H.264.
- **Super WDR**, up to 140dB wide dynamic range ensure all the bright and dark areas are well presented.
- **IP67**, industrial level protection, provides solid stability and durability.
- **Turret Style**, suitable for most indoor environment.



IoT INTEGRATION

The camera can be integrated with most common IoT interface such as RS232, RS485, I/O, Relay, Analog Input, provides an all-in-one IoT surveillance solution.

ULTRA-LOW LIGHT DETECTION

The starlight camera will catch all the details even in the no-light environment, the minimum illumination is 0.002Lux, and 0Lux with IR on.

SMART IR LEDs

Industrial level IR LEDs, the distance is up to 50 meters. With the Smart IR technology, the camera can detect everything in any situation.

SPECIFICATION

Model	F-SC621-21
CAMERA	
Image Sensor	1/2.8″ Progressive Scan CMOS
Resolution	2MP
Min. Illumination	Color: 0.002Lux@F1.2 B/W: 0Lux with IR on
WDR	Super WDR up to 140dB
Lens	Fixed Lens 2.8mm @F2.0 3.6mm @F2.2 4mm @F2.2
Mount	M12

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Model	F-SC621-21
CAMERA	
Field of View	H123°/D142°/V68° (2.8mm), H108°/D126°/V59° (3.2mm), H90°/D105°/V48° (3.6mm)
Shutter Time	1/100000s~1/5s
IR Distance	50m
Day&Night	ICR Filter Auto Switch
VIDEO	
Max. Image Resolution	1920×1080
Primary Stream	30fps@(1920×1080, 1280×960,1280×720, 704x576)
Secondary Stream	30fps@(704x576, 640×480, 640×360, 352x288, 320x240, 320x192, 320x176)
Tertiary Stream	30fps@(1920×1080, 1280×720, 704×576, 640×480, 640×360, 320×240, 320x192, 320x176)
Video Compression	H.265(HEVC)/H.264/MJPEG
Bit Rate	16Kbps~16Mbps (CBR/VBR Adjustable)
Image Setting	Brightness/Contrast/Saturation/Sharpness
NETWORK	
Ethernet	1*RJ45 10M/100M Ethernet Port
Network Storage	NAS (Support NFS, SMB/CIFS)
Protocol	IPv4/IPv6, TCP, UDP, RTP, RTSP, RTCP, HTTP, HTTPS, DNS, DHCP, NTP, SNMP, NFS, CIFS
SYSTEM	
Storage	Support microSD/SDHC/SDXC Card Local Storage, up to 128G
Advanced Function	Motion Detection, Privacy Masking, Backlight Compensation, HLC, 2D DNR, 3D DNR, ROI, Anti-fog, White Balance, EIS, IP Address Filtering
Event Trigger	Motion Detection, Network Disconnection, External Input, etc.
Event Action	FTP Upload/SMTP Upload/SD Card Record
Video Analysis	Region Entrance, Region Exiting, Advanced Motion Detection, Tamper Detection, Line Crossing, Loitering, Human Detection, People Counting, Object Left, Object Removed (*In development)
System Compatibility	ONVIF Profile S GB/T28181-2016 Modbus RTU MQTT IEC101*, IEC104* (*In development)

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EXTERNAL INTERFACE (* = Optional)	
DC-12V IN*	1
Audio I/O@Audio Compression*	1/1&G.711/AAC
Alarm In*	1
Alarm Out*	1 (Port can Drive 12V or 5V Relay)
Relay Out*	1
Power Return Out*	12V@500MA or 5V@1000MA
ADC In*	1@8bit
UART Port*	TTL@115200bps or Expansion for RS485
Type	External Cable with Multi-Interface
GENERAL	
Working Temperature	-40℃~60℃
Working Humidity	0~90% (Non-condensing)
Power Supply	PoE (802.3af)
Power Consumption	3W MAX 6W MAX (With IR on)
Weather Proof	Up to IP67-rated for Weather-resistant Performance
Weight	410g
Dimensions	Φ110mmX76mm
Warranty	1 Year

DIMENSION (mm)

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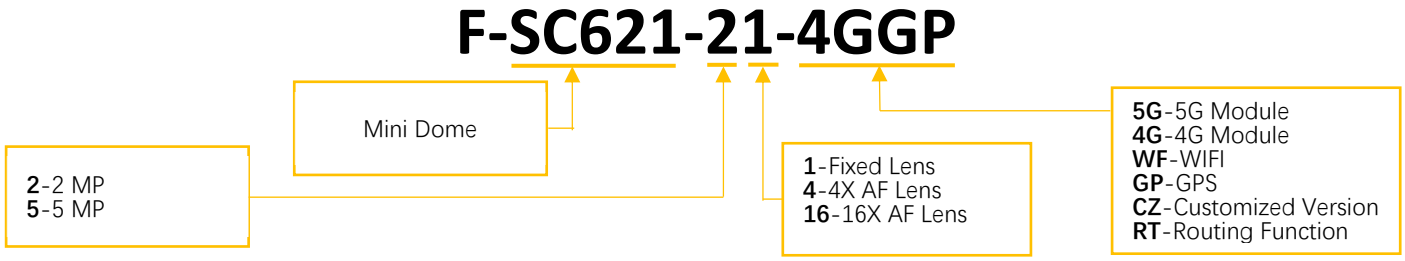
Ordering Information

Model	Megapixel	Lens	Functions
F-SC621-21	2MP	Fixed Lens 2.8mm	SD, DC&POE

Naming Convention



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