



# GEMINI 2-MP IR 30M Varifocal Lens Bullet Outdoor Network Camera



FCS-5221

H/W Version: 1



FCS-5221  
5MP VF Bullet Network Camera  
IC11

IGP-1274  
8GE PoE + 4 SFP L2 Managed  
Industrial PoE Switch

SFP-3211  
1.25Gbps Single-mode  
SFP Transceiver, 20km, 1310nm

GTL-2001  
8GE + 12 x 10Gb SFP+ RPSU  
L3 Managed Switch

## Key Features

- 1/2.8" Progressive Scan CMOS
- H.265+, H.265, H.264, MJPEG Video CODEC with Dual Stream Support
- Up to 2 megapixel (1920x1080) resolution with 30FPS support
- Low-light and Built-in Infrared Illuminator for distance up to 30 meter
- Built-in Micro SD/SDHC/SDXC card slot, up to 128 GB
- 120dB WDR, BLC, 3DNR, and Region of Interest feature
- PoE(802.3af), DC12V
- ISO9001:2015 and ISO14001:2015 CERTIFIED

## Technical Specification

CAMERA	
Image Sensor	1/2.8" Progressive CMOS
Minimum Illumination	<ul style="list-style-type: none"> <li>• Color: 0.028 lux @ F2.0 + AGC</li> <li>• Black and White: 0.0028 lux @ F2.0 + AGC, 0 lux with IR</li> </ul>
Shutter Speed	1/3 ~ 1/100,000 sec
Lens	2.8mm ~ 12mm Varifocal F2.0 Aperture
Day and Night	Automatic Day/Night Operation with IR Cut Filter (ICR)
Infrared Range	30 meter
Dynamic Range	Wide Dynamic Range (WDR) 120dB

<b>COMPRESSION</b>	
Video Stream	Dual Streaming Profile
Video CODEC	H.265+, H.265, H.264, MJPEG
Video Bit Rate	32kbps ~ 8Mbps
Audio CODEC	Mono, G.711, G.722.1, G.726, MP2L2, PCM
<b>SMART FEATURES</b>	
Behavior Analysis	Line crossing detection, Intrusion detection
<b>IMAGE</b>	
Max Resolution	1920 x 1080
Frame Rate	Resolution 1920 × 1080, 1280 x 720, 640 x 480/360, 320 x 240 <ul style="list-style-type: none"> <li>• 50Hz: 25fps</li> <li>• 60Hz: 30fps</li> </ul>
Image Enhancement	<ul style="list-style-type: none"> <li>• Automatic Gain Control (AGC)</li> <li>• Automatic White Balance (AWB)</li> <li>• Automatic Exposure Setting (AES)</li> <li>• Back Light Compensation (BLC)</li> <li>• 3D Noise Reduction (3DNR)</li> <li>• Region of Interest</li> </ul>
<b>NETWORK</b>	
Storage	<ul style="list-style-type: none"> <li>• Built-in Micro SD/SDHC/SDXC card slot, up to 128 GB</li> </ul>
Alarm Events	<ul style="list-style-type: none"> <li>• Motion Detection</li> <li>• Tamper Alarm</li> <li>• Network Disconnect</li> <li>• IP Address Conflict</li> <li>• Illegal Login</li> <li>• HDD Error or HDD Full</li> <li>• Digital Input</li> <li>• Digital Output</li> </ul>
Protocol	TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv4, IPv6, Bonjour
Security	<ul style="list-style-type: none"> <li>• User Login Authentication</li> <li>• IP Filtering</li> <li>• Watermark</li> <li>• Privacy Mask</li> <li>• Anonymous Access</li> </ul>
Standard	<ul style="list-style-type: none"> <li>• ONVIF (Profile S), PSIA, CGI, ISAPI</li> </ul>

ENVIRONMENTAL	
Interface	<ul style="list-style-type: none"> <li>• 1 x RJ45 10/100M Ethernet interface</li> <li>• 2 x Digital Input + 2 x Digital Output</li> <li>• Analog Video Composite Output (CVBS)</li> <li>• Audio Line In, Audio Line Out</li> <li>• Reset Button</li> </ul>
Power Supply	PoE (IEEE802.3af/at), DC12V
Power Consumption	7W Max
Operating Temperature	-30°C to 60°C
Relative Humidity	Up to 90% non-condensing
Housing	IP67, IK10
Dimension	Φ105.00 × 294.50 mm
REGULATORY APPROVALS	
Standards	<ul style="list-style-type: none"> <li>• FCC</li> <li>• CE</li> <li>• UL</li> <li>• ISO9001:2015</li> <li>• ISO14001:2015</li> </ul>

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## Order Information

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