FCS-5212 Version: 1

GEMINI Fixed IP Network Camera, 6-Megapixel, H.265, 4.3X Optical Zoom, IR LEDs, Indoor/Outdoor

The LevelOne FCS-5212 is a fixed-position outdoor camera offering an ultra-reliable, cost-effective solution for outdoor IP surveillance networks, and is rated at IP67 to operate within rain, extreme heat, snow, dust and humid conditions. Offering clear, sharp imagery with 6-Megapixel resolution and the versatility of 802.3af standard PoE to transfer power and data via a single Cat.5 cable, the LevelOne FCS-5212 should be an essential part of any security deployment that requires smart, reliable outdoor cameras.

Key Features

- 6-Megapixel high-definition resolution
- Video compression: H.264, H.265, MJPEG
- Supports 3 video streams simultaneously
- Supports 4.3X optical zoom
- Features WDR (Wide Dynamic Range) to enhance visibility under extremely bright or dark environments
- Weatherproof IP67-rated housing
- Vandal-proof IK10-rated housing
- Built-in infrared LEDs for night viewing up to 50m
- Supports iPhone/Android phone remote viewing over the Internet

Specifications

System Specifications

Standards:

TCP(IPv6/v4), UDP, HTTP, HTTPS, DHCP, PPPoE, RTP, RTSP, DNS, DDNS, NTP, ICMP, ARP, IGMP, SMTP,FTP,SAMBA UPnP, SNMP, Bonjour
IEEE 802.3 10-BASE-T, Ethernet
IEEE 802.3u 100-BASE-TX, Fast Ethernet
IEEE 802.3af Power over Ethernet (PoE)
IEEE 802.1X Network Access Control

Image Sensor:

1/2.9" Progressive Scan CMOS

Lens:

Aut Focus @F1.6, 2.8~12mm Motorized VF LENS

Port:
1 x RJ-45 10/100 Mbps PoE port
Power Connector DC JACK
Audio:In/Out
I/O terminal block (1 DI/1 DO)
1 x MicroSDHC/ MicroSDXC card slot

Button/Knob:
Reset

Indicator:
Power

IR Cut Filter:
Removable infrared-cut filter for day & night function

IR LED:
Up to 50 Meter, Wavelength @ 850 nm

Shutter Time:
1/3 s to 1/100,000 s

Angle of View:
Horizontal field of view: 88° to 27°
Vertical field of view: 56° to 18°
Diagonal field of view: 110° to 33°

Pan/Tilt/Zoom:
4.3X Zoom

Video Format:
Main stream: H.265/H.264
Sub-stream: H.265/H.264/MJPEG
Third stream: H.265/H.264

Resolution:
50Hz: 20 fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720)
60Hz: 20 fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 30fps (2560 × 1440, 1920 × 1080, 1280 × 720

Output Video Format:
MPEG4

Audio Compression:
G.711/G.722.1/G.726/MP2L2/PCM

Power Input:
12 VDC ± 25%, PoE (802.3at, class 4), ? 5.5 mm coaxial power plug

Power Consumption:
12 VDC, 1.2A, max. 14.5W
PoE (802.3at, 42.5V to 57V), 0.5A to 0.3A, max. 18W

Data Rate:
Video Bit Rate: 256 Kbps to 16 Mbps
Audio Bit Rate: 64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2)

Storage Capacity:
Built-in micro SD/SDHC/SDXC card slot, up to 128 GB

Digital Zoom:
8X

Operating Temperature (°C):
-30 °C to +60 °C (-22 °F to +140 °F)

Operating Humidity (Non-condensing):
95% or less (non-condensing)

Mount:
Working with Mounting accessory:
Ceiling Wall,Corner,Vertical Pole

Features

General:
Motion Detection, Rotated Mode, Mirror, Color Adjustment (Brightness, Contrast, Saturation), Sharpness Adjustment,
Anti-Flicker

PoE:
PoE (802.3af, class 3)

Security:
One-key reset, anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter, File
Management,Object Removal Detection

Management:
Event Triggers (Network Disconnected, IP address Conflict, Illegal Login, HDD Full, HDD Error, Alarm Input,
Alarm Output, Line Crossing Detection, Intrusion Detection, Face detection)

Video:
Three streams,BLC/3D DNR,120dB WDR

Audio:
1 input (line in/mic.in), 1 output (line out), terminal block, mono sound

Performance

Number of Clients:
Up to 32 users, 3 levels: Administrator, Operator and User
Simultaneous Live View:Up to 6 channels

Frame Rate (fps):
Main Stream:
50Hz: 20 fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720)
60Hz: 20 fps (3072 × 2048, 3072 × 1728, 2944 × 1656), 30fps (2560 × 1440, 1920 × 1080, 1280 × 720)
Sub-Stream:
50Hz: 25fps (640 × 480, 640 × 360, 320 × 240)
60Hz: 30fps (640 × 480, 640 × 360, 320 × 240)
Third Stream:
50Hz: 25fps (1280 × 720, 640 × 360, 352 × 288)
60Hz: 30fps (1280 × 720, 640 × 360, 352 × 240)

Minimum illumination:
Color: 0.01 Lux @ (F1.2, AGC ON), 0.018 Lux @ (F1.6, AGC ON), 0 Lux with IR

Physical Specifications

Dimensions (W x D x H mm):
?144.1 × 332.7 mm (?5.7" × 13.1")

Weight (g):
1893 g (4.2 lb.)

Color:
White

Approval and Compliance

EMI/EMS:
CE/FCC

Environmental Test:
IP67, IK10

Others:
ONVIF (PROFILE S, PROFILE G), ISAPI

Others

Supported Browsers:
IE8+, Chrome 31.0-44, Firefox 30.0-51, Safari 8.0+

Compatibility:
Windows 7/8/10

Order Information

FCS-5212

Package Contents

FCS-5212
Screw Kit
Resource CD (User Manual, Utility, 64-CH Monitoring Software)

Optional Accessory

CAS-7344
Pole Mount Bracket, Clamping Range 2.6"-5"

CAS-7345
Corner Mount Bracket

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