FCS-4048 Version: 1

ℹ **Mounting kits are to be ordered separately.**

PTZ IP Network Camera, 2-Megapixel, IR LEDs, Indoor/Outdoor, 33X Optical Zoom

The LevelOne FCS-4048 is a PTZ IP surveillance camera designed for use outdoors, boasting 2-Megapixel resolution and a 33 X optical zoom. The camera features motorized Pan and Tilt features as well, enabling it to focus in a variety of directions and zoom in on a specific viewing area. The camera is also PoE, enabling it to run both power and data on the one Cat.5 cable, making deployments easy and efficient. An IP66-rated weatherproof casing allows for safe, reliable operation in outdoor conditions such as rain, heat, dust, snow and humidity.

Key Features

- 2-Megapixel (1920 x 1080) high-definition resolution
- Video compression: H.264/MJPEG
- Supports 33X optical zoom
- Built-in infrared LEDs for night viewing up to 150m
- Supports PTZ/preset point/preset sequence
- Weatherproof IP66-rated housing
- Vandal-proof IK10-rated housing

Specifications

System Specifications

Standards & Protocols:
TCP, UDP, HTTP, HTTPS, DHCP, PPPoE, RTP, RTSP, IPv4, IPv6, DNS, DDNS, NTP, ICMP, ARP, IGMP, SMTP, FTP, UPnP, SNMP, Bonjour

Image Sensor:
1/2.8"

Lens:
f4.5 - 148.5mm / F1.6 - 5.0

Connectors and Cabling:
1 x RJ-45 10/100 Mbps PoE plus port
1 x Line In
1 x Line Out
1 x Power terminal block
I/O terminal block (4 DI/2 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:
150 Meter

Shutter Time:
1/5 - 1/2,000 sec (manual mode); 1/5 - 1/10,000 sec (auto mode)

Angle of View:
61.7° - 2.07°

Pan/Tilt/Zoom:
Preset Panning / Tilting Speed : 0.1° ~ 280°/s
Panning Range :360° Endless
33X zoom optical

Video Compression:
RAW

Resolution:
60 fps at 1920 x 1080; 60 fps at 1280 x 720; 30 fps at 640 x 480; 15 fps at 320 x 240

Video Format:
H.264/ MJPEG

Audio Compression:
8 kHz, Mono, PCM, 16 bit encoding; G.711

Power Input:
High PoE (IEEE802.3at) / AC 24V

Power Consumption:
25 W

Data Transfer Rate:
128 Kbps - 12 Mbps (per stream)

Features

General:
Video motion detection (10 regions); External device through digital input; Sound detection

PoE:
High PoE (IEEE802.3at)

Security:
IP address HTTPS encryption; Password protected user level; Anonymous login; IEEE 802.1X network access control

Management:
Notify control center; Go to PTZ preset point or preset tour; Change camera settings; Command other devices;E-mail with snapshots;
Save video or snapshot to local storage; Upload video or snapshot to FTP server; Activate external device through digital output

Video:
Image mirror and rotation

Audio:
8 kHz, Mono, PCM, 16 bit encoding; G.711
Cable with 3.5mm phone jack

Performance

Number of Clients:
16

Storage Capacity:
SD/MicroSD memory card of up to 64GB

Frame Rate (fps):
60 fps at 1920 x 1080; 60 fps at 1280 x 720; 30 fps at 640 x 480; 15 fps at 320 x 240

Minimum illumination:
Color: 0.05 lux at F1.6 (30 IRE, 2400°K); B/W: 0 lux at F1.6 (30 IRE, 2400°K)

Environment

Temperature (°C):
-40°C ~ 50°C (-40°F ~ 122°F) within 30mins

Humidity (Non-condensing):
10% ~ 85% RH

Physical Specifications

Dimensions (W x D x H mm):
170 mm x 260 mm (6.69" x 10.23")

Weight (g):
3450

Color:
White

Approval and Compliance

EMI/EMS:
CF/FCC

Safety:
IK10

Environmental Test:
IP66

Others:
ONVIF

Others

Viewing Systems:
Microsoft Windows 8/7/Vista/XP/10

Compatibility:
Microsoft Internet Explorer 8.0

Order Information

FCS-4048

Package Contents

FCS-4048
Power Terminal Block
Power adapter with power cord
Resource CD (User Manual, Utility, 64-CH Monitoring Software)