



FCS-4080 Version: 1

HUBBLE PTZ IP Network Camera, 5-Megapixel, IR LEDs, 36X Optical Zoom, Indoor/Outdoor

The LevelOne FCS-4080 is a PTZ IP surveillance camera designed for use outdoors, boasting 5-Megapixel resolution and a 36 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

- 5-Megapixel high-definition resolution
- Video compression: H.264, H.265, MJPEG
- Supports 36X optical zoom
- Built-in infrared LEDs for night viewing up to 150m
- 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, 802.1x

Image Sensor:

1/2.9 "Progressive Scan CMOS

Lens:

f4.6-165.6mm / F1.55 - 5.0

Port:

1 x RJ-45 10/100 Mbps PoE plus port

1 x Line In(3.5mm)

1 x Line Out(3.5mm)

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:

1/5-1/64000second (manual mode); 1/5-1/64000second (auto mode)

Angle of View:

Horizontal Viewing Angle: 51.14° - 2.17°
Vertical Viewing Angle: 39.62° - 1.62°

Pan/Tilt/Zoom:

Manual Panning / Tilting Speed: 0.16° - 54.4°/second, 0.16° - 27.2°/second
Preset Panning / Tilting Speed: 0.16° - 300°/second, 0.16° - 150°/second
Panning Range: 360° endless
Tilting Range: -20°~200°

Video Compression:

H.265/H.264/ MJPEG

Resolution:

30 fps at 2592 x 1944
30 fps at 2048 x 1536
30 fps at 1920 x 1080
30 fps at 1280 x 960
30 fps at 1280 x 720
30 fps at 800 x 600
30 fps at 640 x 480
30 fps at 320 x 240

Output Video Format:

RAW

Audio Compression:

8 kHz, Mono, PCM, 16 bit encoding, G.711

Power Input:

High PoE (IEEE802.3at)/25.5 W (PoE), AC 24V

Power Consumption:

25.5 W (PoE)

Data Rate:

128 Kbps - 12 Mbps (per stream)

Storage Capacity:

SD/MicroSD memory card of up to 64GB

Features

General:

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

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:

Extreme WDR (120 dB), 3 video stream

Built-in Analytics:

Object Based Motion Detection, Tampering Detection, Shock Detection

Privacy Mask: 32 configurable 3D privacy masks (To be available through future firmware upgrade)

Multi-Streaming: Simultaneous triple streams based on three configurations

Audio:

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

Cable with 3.5mm phone jack

Performance

Number of Clients:

16

Frame Rate (fps):

30 fps at 2592 x 1944

30 fps at 2048 x 1536

30 fps at 1920 x 1080

30 fps at 1280 x 960

30 fps at 1280 x 720

30 fps at 800 x 600

30 fps at 640 x 480

30 fps at 320 x 240

Minimum illumination:

Color: 0.05 lux at F1.55 (30 IRE, 2400°K);

B/W: 0 lux at F1.55 (IR LED On)

Environment

Operating Temperature (°C):

-40°C ~ 55° within 30mins

Operating Humidity (Non-condensing):

10% ~ 95% RH

Physical Specifications

Dimensions (W x D x H mm):

170 mm x 260 mm (6.69" x 10.23")

Weight (g):

3112g

Color:

White

Approval and Compliance

EMI/EMS:

CF, FCC



Safety:

IK10

Environmental Test:

IP66

Others:

RoHS, ONVIF

Manufactured in ISO-9001 and ISO-14001 certified factory

ONVIF

Others

Supported Browsers:

Microsoft Windows 8/7/Vista/XP/10

Compatibility:

Microsoft Internet Explorer 11

Order Information

FCS-4080

Package Contents

FCS-4080

Power Terminal Block

Power adapter with power cord

Resource CD (User Manual, Utility, 64-CH Monitoring Software)

Optional Accessory



CAS-2101

Pendant Cap



CAS-2102

Pendant Mount Bracket



CAS-2103

Pendant Mount Bracket



CAS-2104

Extension Tube



CAS-2402
Corner Mount Bracket



CAS-2503
Pole Mount Bracket, Clamping Range 5.25"-8.5"



CAS-2702
Outdoor Junction Box



CAS-4312
Wall Mount Bracket with Cable Management