FCS-4301 Version: 1

PTZ Dome Network Camera, 2-Megapixel, 802.3af PoE, IR LEDs, Day & Night, 3x Optical Zoom, WDR

1. Housing Latch
2. Power Socket
3. PoE LAN Port
4. Lens

5. IR LED
6. Internal Microphone
7. Micro SD/SDHC Card slot
8. Reset Button

Key Features

- 2-Megapixel (1920 x 1080) high-definition resolution
- Compression: H.264/MPEG-4/MJPEG
- Built-in infrared LEDs for night viewing up to 20m
- Features WDR (Wide Dynamic Range) to enhance visibility under extremely bright or dark environments
- Free video surveillance and CMS (Central Management System) software with 64-channel license
- Removable IR-cut filter for day and night surveillance
- Supports 2 video streams simultaneously
- Supports 3x optical zoom
- Supports PTZ/preset point/preset sequence
- Support unique features for auto-tracking function of moving objects

Specifications

System Specifications

Standards & Protocols:
IEEE 802.3 10-BASE-T, Ethernet
IEEE 802.3u 100-BASE-TX, Fast Ethernet
TCP/IP, HTTP, SMTP, FTP, DDNS, UPnP, NTP, PPPoE, DNS, DHCP, RTSP, Samba

Image Sensor:
2-Megapixel 1/2.7" Progressive Scan CMOS

Connectors and Cabling:
1 x RJ-45 10/100 Mbps PoE port
1 x DC Power Jack
1 x Audio in
1 x Audio out
1 x DI/DO

Modularity:
1 x MicroSD/SDHC card slot

Button:
Reset Button

Indicator:
Power, Link

Lens:
3X optical zoom lens, auto iris, auto focus
f = 3mm ~ 9mm, F1.8
Fov(D), 136° ~ 39°

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

IR LED:
6 IR LEDs for illumination up to 20m

Shutter Time:
Indoor : 1/30 ~ 1/120 sec
Outdoor : 1/30 ~ 1/1,000,000 sec

Angle of View:
62°

Pan/Tilt/Zoom:
Pan range: 250°
Tilt range: 75°
Auto pan mode
Auto patrol mode
3X optical zoom , 4X digital zoom

Video Compression:
H.264 / MPEG4 / MJPEG

Resolution:
2M (1920x1080)

Video Format:
MPEG4

Audio Compression:
AMR / AAC /AEC

Power:
Power Consumption: 8W
Power Input: DC12V 1.5A / 802.3af PoE

Features

General:

Backup: MicroSDHC card slot for local storage

IPv6: IPv4/IPv6 network operationDNS: Easy Internet monitoring

Security:

Alarm and Notification: Alarm: Motion Detection; Notification: FTP, SMTP, Samba

Access Control: Multi-level user access with password protection

IP address filtering

HTTPS encrypted data transmission

Video:

Image Setting: - Adjustable image size, quality and bit rate

- Configurable brightness, sharpness, contrast, saturation, white balance and exposure

- AGC/AWB/AES

- Wide Dynamic Range (WDR)

- 3D Noise Reduction (3DNR)

- Flip & Mirror

- Time Stamp

Streaming: Up to 2 video streams

Audio:

2-way audio (line in/out)

Built-in microphone

Performance

Number of Clients:

16

Data Transfer Rate:

10/100Mbps

Storage Capacity:

SD/MicroSD memory card of up to 64GB

Frame Rate:

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

Minimum illumination:

Color: 1.0 lux at F2.0

Environment

Temperature (°C):

Operating: 0°C ～ 40°C

Humidity (Non-condensing):

Operating: 10% ~ 80%

Physical Specifications

Dimensions (W x D x H mm):

63 x 63 x 92 mm

Weight (g):

380 g

Others

Approval and Compliance:

CE, RoHS, FCC, Onvif

Deployment:
Desktop/Ceiling Mount

Operation Systems:
Microsoft Windows 8/7/Vista/XP

Viewing Systems:
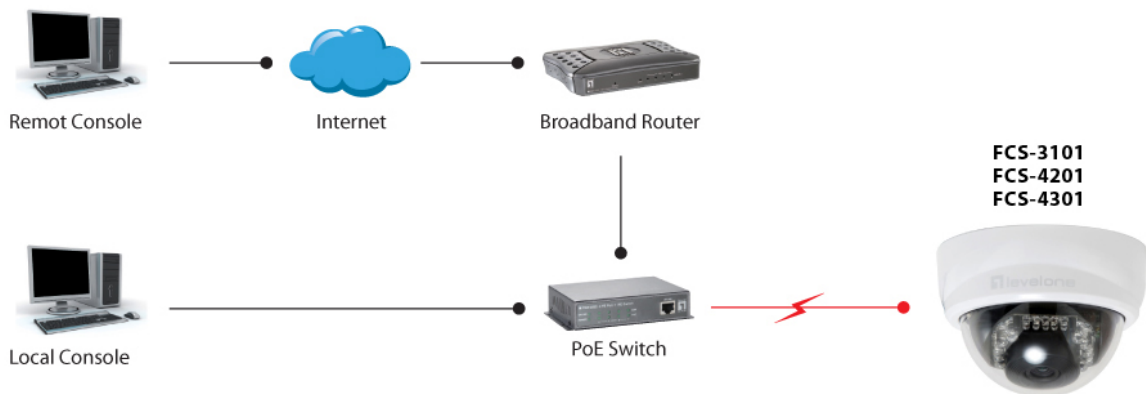Browser: Internet Explorer 6.x or above, Firefox, Chrome, Safari
Cell phone: 3GPP player
Real Player: 10.5 or above
Quick Time 6.5 or above

Diagram

Order Information

FCS-4301

Package Contents

FCS-4301
Power Adapter
RJ-45 Female/Female Coupler
Mounting Kit
Quick Installation Guide
Resource CD (User Manual, Utility, 64-CH Monitoring Software)