FCS-5044 Version: 1

PTZ Network Camera, 2-Megapixel, 10x Optical Zoom, 802.3at PoE+, Day & Night, WDR, Outdoor

Key Features

- 2-Megapixel (1920 x 1080) high-definition resolution
- Supports 10x optical zoom
- Supports 150° pan and 95° tilt
- Compression: H.264/MPEG-4/MJPEG
- Features WDR (Wide Dynamic Range) to enhance visibility under extremely bright or dark environments
- Power support: PoE (IEEE 802.3af)
- Removable IR-cut filter for day and night surveillance
- Supports 2 video streams simultaneously
- Supports motion detection and event notification via e-mail or FTP
- Built-in infrared LEDs for night viewing up to 40m
- Built-in microphone and external speaker for 2-way audio communication
- Dual power support: 12VDC/PoE (IEEE 802.3af)
- Free video surveillance and CMS (Central Management System) software with 64-channel license

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 1/2.8" Progressive Scan CMOS

Connectors and Cabling:
1 x RJ-45 10/100 Mbps PoE port
1 x DC Power Jack
1 x Line in/out
1 x MicroSD/SDHC card slot

Button/Knob:
Reset Button

Indicator:
Power, Link

Lens:
10X optical zoom lens, auto iris, auto focus
f = 4.9~ 49mm, F1.8~3.0
Fov(D), 66.6° ~ 7.2°

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

IR LED:
IR LEDs for illumination up to 30-40m

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

Angle of View:
62°

Pan/Tilt/Zoom:
Pan : 150°(-75°~75°)
Tilt : 95°(-75°~20°)°

10X optical zoom , 4X digital zoom

Video Compression:
H.264 / MPEG4 / MJPEG

Resolution:
2M (1920x1080)

Video Format:
MPEG4

Audio Compression:
AMR / AAC /AEC

Power Input:
DC12V 1.5A / 802.3af PoE

Power Consumption:
8W

Features

General:
Backup: MicroSDHC card slot for local storage
IPv4network operation DNS: 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:
Streaming: 2-way audio
Input/Output: line in/out

Performance

Number of Clients:
10

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: -20°C ~ 50°C

Humidity (Non-condensing):
Operating: 85%

Deployment:
Wall/celing Mount

Physical Specifications

Dimensions (W x D x H mm):
Length : 210mm, Diameter : 115mm

Weight (g):
800 g

Approval and Compliance

EMI/EMS:
CE, RoHS, FCC, Onvif

Environmental Test:
IP66 Waterproof

Others

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

Order Information

FCS-5044

Package Contents

FCS-5044
Power Adapter
Screw Kit
Quick Installation Guide
Resource CD (User Manual, Utility, 64-CH Monitoring Software)