



18x PoE IP Camera

Introduction

DCS-3415 is an IP camera for professional surveillance and security. This camera adopts Sony 18x zoom progressive scan CCD module, using D-Link SoC to provide excellent real-time video quality. Two video streams with different configurations can be activated simultaneously to address the different requirements for live viewing and recording.

The camera is designed for both indoor and outdoor day/Night applications, thus, the zoom module has built-in removable IR-cut filter and auto iris. More so, the camera can also come with outdoor enclosure which is vandal proof and weather proof (IP66, heater and fan) for outdoor environment. The camera is equipped with one digital input and one digital output. An RS-485 port is designed for external pan/tilt/zoom devices. An 802.3af compliant power over Ethernet (PoE) module is built-in to ease the installation process.

With the free-bundled recording software(D-ViewCam v2.0), this network camera provides a total solution for high quality live viewing and reliable recording.

Product Features

- SONY VGA 18x zoom progressive scan CCD module
- IR cut Removable(ICR) filter for day/night feature
- 4.1-73.8mm zoom lens, F1.4 to F3.0
- Real-time MPEG-4 and Motion JPEG compression with VGA/QVGA/QQVGA resolution
- 30 frames per second
- Power over Ethernet (PoE) built-in
- Simultaneous dual-stream support
- 3GPP mobile surveillance
- Support CF card for local storage
- Switch for audio on/off
- Samba client built-in for NAS
- Motion detection recording
- DI/DO support for external device
- RS-485 for external PTZ connection
- Support DC12V output for external device (like IR light)
- Support Java mode (2nd phase)
- Support IPv6 (2nd phase)

Specification

Key Components / Performance

Video Codec	MPEG4 / MJPEG
Audio codec	GSM-AMR / MPEG-4 AAC
PoE	Supported IEEE 802.3af standard
Sensor	1/4" SONY progressive color CCD sensor
SDRAM	32 MBytes
Flash Memory	8 MBytes
Lens	4.1-73.8mm zoom lens, F1.4~F3.0 18x optical zoom (4x digital zoom)

Port Functions

LAN	10/100BaseT ports x1 Compliant to following standards: IEEE 802.3 compliance IEEE 802.3u compliance Support Full-Duplex operations 802.3x Flow Control support for Full-Duplex mode Supported IEEE 802.3af standard (PoE)
Local Storage	CF card slot (Type -I)

Specification

I/O Connector		8pin-contact terminal block (1x input(2pins), 1x output(2pins), RS485 (2pins), DC12V output for IR light (2pins)
RS-485		Yes
Reset Button		Reset to factory default
Audio	Frequency	50 ~ 16000Hz
	S/N ratio	More than 58dB
	mode	Full duplex 2-way audio communication
	Directional	Omni-directional
Microphone	S/N ratio	6mm, - 40 db + 3db
Mute Button		Slide switch for microphone mute(2 status)
Power Consumption		Max 6W (estimate) Input: 100-240VAC, 50/60Hz Output: 12VDC, 1.25A
Dimension (WxHxD)		80 X 92.4 X 143.5 (mm)

Networking

IPV4, ARP, TCP, UDP, ICMP, DHCP Client, NTP Client (D-Link), DNS Client, DDNS Client (D-Link), SMTP Client, FTP Client, HTTP Server, Samba Client, PPPoE, UPnP Port Forwarding, RTP, RTSP, RTCP, IP filtering, 3GPP, IPv6 (2nd phase)

Video

MPEG4/MJPEG dual format compression
simultaneously
JPEG for still image
Adjustable image size and quality
Time stamp and text overlay
Three configurable motion detection windows
Flip & mirror
Up to 30 frames at 176x144
Up to 30 frames at 320x240
Up to 30 frames at 640x480
AGC, AWB, AES

OS Support

Windows 2000 / Windows XP / Windows Vista / 3GPP
Mobile Phone

Physical & Environment

Power

12V1.25A switching power adapter
External AC-to-DC Switching Power Adapter

Operation Temperature

0 to 40 °C (32 to 104 °F)

Storage Temperature

20 to 70 °C (-4 to 158 °F)

Humidity

20-80% RH non-condensing

Safety & Certifications

FCC
CE
C-Tick

Preliminary (Feb.2008)

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