



UNC7835-O

35X Network Speed Dome Camera

Monitoring your home or office over the internet anywhere



FEATURES

- Built-in 35x digital optical zoom auto focus lens
- MPEG-4/MJPEG Dual-Codec compression selectable
- High sensitivity 1/4" Interline Transfer CCD sensor
- Provides one 10/100Mbps auto-sensing LAN port
- Remote Pan/Tilt/Zoom control operation functions
- 360° continuous rotation and 128 preset positions
- Auto / Manual Focus, Iris Control and Gain Control
- Access up to 65536 NDC with one IP addresses, and provides 6 alarm inputs and 1 alarm output
- Supports RS485 control interface (1 input/1 output)
- Real time monitoring by web browser over internet
- Supports TCP/IP networking, UPnP and Dynamic IP
- Free bundled 36-channel surveillance configuration, monitoring, scheduled, and recording software
- IP Installer utility for auto scan IP address of camera
- 30/25ftp @ Full D1 (720x480/720x576) resolution
- Supports Motion detection and e-mail alert
- Multiple cameras monitoring, image capturing, and video recording up to 36 cameras at the same time
- Supports Web configuration & password protection

Package Contents

- One UNC7835-O Network Speed Dome
- One Software / Manual CD-ROM
- One Power Cord

OVERVIEW

The UNC7835-O is an outdoor network dome with optional Wall-Mount and Pole-Mount brackets. It is certified according to IP66 (absolutely dustproof and resistant against water jets) and able to use for outdoor as well as indoor. It also supports advanced dual-codec MPEG-4 and MJPEG video compression format and integrated with high sensitivity CCD image sensor that produces a high video quality up to Full D1 resolution.

UNC7835-O is an internet-based digital video surveillance device and provides Pan/Tilt/Zoom control. It can horizontal pan 360° with auto-flip functionality that allows the camera to simulate a continuous pan for operator to follow an object. The powerful 35x optical zoom is able to zoom in on small and distant objects. Auto and fast focus functions increase the searching speed and precision. The auto iris function adjusts the monitoring image to the best brightness. With white balance function that makes the shades of color more natural in different light conditions.

Build-in CPU and Web server allows the camera to function as standalone device to send live video through the internet to web browser anywhere in the world. Free bundle 36 channels management software is included for multiple cameras to monitor and record video image. Recording can be set up to record by motion trigger, manual or schedule recording.

UNC7835-O provides superior true video quality, user-friendly Web management, motion detection, advanced e-mail notification / FTP upload functionalities and multi-tier access control for configuration. It's designed for use in challenging environments such as airport, stadiums, casinos, parking lots, train stations, highways or ports.

SPECIFICATIONS**Camera Specifications**

Host Interface	1 * RJ-45 10/100M Ethernet Port 1 * BNC Video Output Connector, CVBS 1.0Vpp/75Ω 1 * AC100~240 Power Jack 1 * AC24V Power Jack 1 * Alarm In/Out jack 1 * RS-485 Connector (1 in, 1 out) for external keyboard or daisy-chain
Image Sensor	1/4" Interline Transfer CCD (ExView HAD CCD)
Video Compression	MPEG-4 Simple Profile (SP), JPEG, MJPEG
Max. Video Resolution	Full D1(4SIF): NTSC: 720 x 480; PAL: 720 x 576 SIF.....: NTSC: 352 x 240; PAL: 352 x 288 QSIF.....: NTSC: 176 x 112; PAL: 176 x 144L
Total Pixels	NTSC: 768 (H) x 494 (V), 440K; PAL: 752 (H) x 582 (V), 440K
Frames Rate	NTSC: Up to 30 frames per second PAL: Up to 25 frames per second
Optical Zoom	35X optical zoom
Minimum Illumination	Color : 0.1 Lux at F1.6, Mono : 0.01 Lux at F1.6
Horizontal & Vertical Synchronization	NTSC: 15.734KHz, 60Hz PAL: 15.625KHz, 50Hz
System	NTSC, PAL
Scanning System	NTSC: 2:1 Interlace, 525 Lines, 60 Fields/sec PAL: 2: 1 Interlace, 625 Lines, 50 Fields /sec
Color / Mono Switch (IR Cut Filter)	ON(Color) OFF(Monochrome), Switch by Schedule, Auto (when light drops below 23 Lux, auto switch from color to mono)
Video	Color / Mono
Synchronization	Internal
Lens Speed	7 Levels, 6.8 second at manual mode (Tele~ Wide)
Focal Length	3.6 ~ 126mm
Aperture (F)	1:16 (wide) ~ 4.2 (telephoto)
Angle Field of View	Wide: 41.6° (V) 53.8° (H) / Tele: 1.23° (V), 1.64° (H)
Horizontal Resolution	Color: 520TV Lines / Mono: 580 TV Line
S/N Ratio	More than 50dB (AGC Off)
Auto Gain Control	0 ~ 36dB Selectable
Back Light Compensation	On / Off Selectable
Sensitivity Enhancement	ON / OFF / Auto
Iris Control	ALC (Adjustable Output Target Level) / Manual
White Balance	ATW / PUSH / MWB Selectable
Motion Detection	Yes
FTP & E-mail Alert Message	Yes
DDNS Function	Yes
Indoor / Outdoor Use	IP66 Outdoor with Wall-Mount or Pole-Mount Brackets (Option)
Bundled Software	36-Channel Recording / Monitoring Software; IP Installer Utility

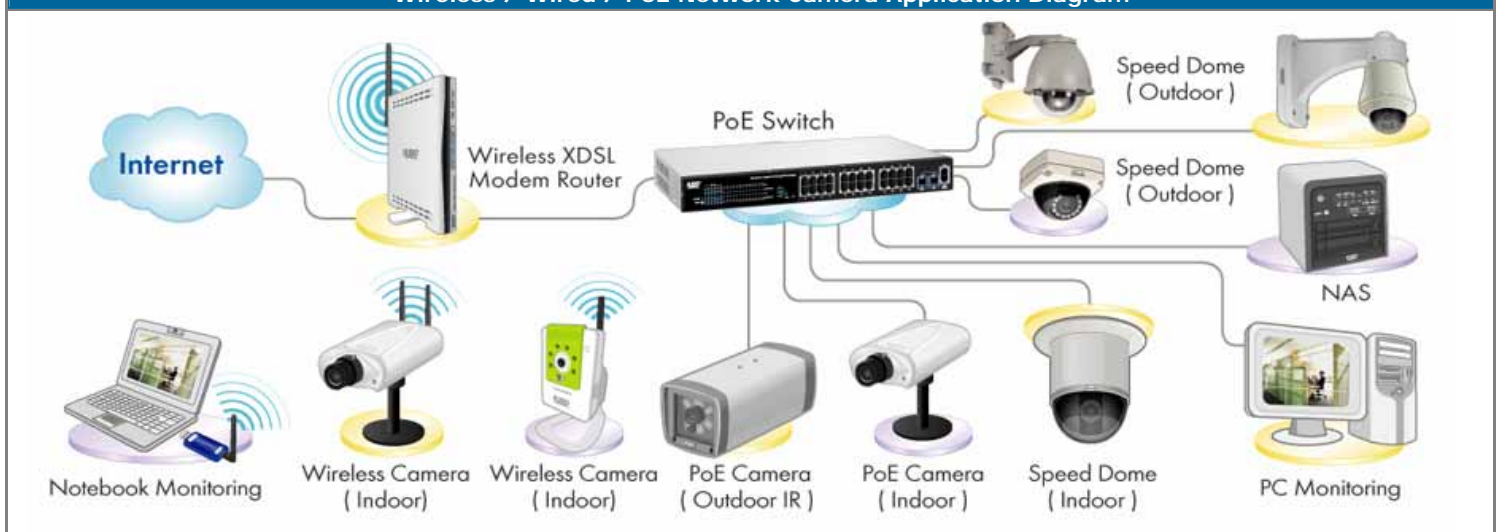
PTZ Operational	
Pan Travel	360° Continuous
Tilt Travel	-6° ~ +96°
Manual Pan/Tilt Speed	0.15° ~ 120° /sec, 8 Steps
Preset Pan/Tilt Speed	1° ~ 255° /Sec
Preset Dwell Time	0 ~ 255 sec
Preset Positions	128 preset positions
Preset Group	4 Groups (Corresponding with first 16 presets)
Instant Flip	180°
Preset Recall Speed	360° /sec
Alarm Trigger Speed	360° /sec
Address Setting	1 – 64 ID Setting
Control Interface	RS-485
Cable Requirement	UL 24AWG Twist Pair (Recommended)
Alarm Input	6 Inputs (expandable to 64)
Alarm Output	1 to organize (NO or NC mode)
Alarm Response Mode	Lock or Release Mode
Operation Setting	Web-based User Interface / On Screen Setup Menu

Network Specifications	
Ethernet Standards	IEEE802.3 100Base-TX, IEEE802.3 10Base-T
Data Rate	LAN: 10/100Mbps Auto Switch
Protocols	TCP/IP, HTTP, ICMP, SMTP, DDNS, DNS, NTP, FTP, , TFTP, DHCP, Static IP, Telnet, RTSP, RTP/TCP(UDP)
Advanced Feature	Free 36-channel Surveillance and Configuration Network Discovery and Assignment with IP Installer Utility Remote Firmware Upgradeable via FTP or Telnet Sent Video Clip to an E-mail Address on Motion Detection Recording to Hard Drive and Playback on Windows Media Player Display Rotation and Full Screen Display Supports NTP (Network Time Protocol) for Setting the Internet Clock Event-Triggered, Scheduled, Manual Recording Simultaneous Recording, Event Search and Live Viewing
Security	Multi-tiered User Access Control for Configuration Administrator and User Group Protected and Password Authentication IEEE 802.1X Network Access Control
Software Requirements	Microsoft Windows 98SE/ME/2000/XP Operating Systems Microsoft Internet Explorer 5.0 or Above Microsoft Direct X 9.0c or Higher Macromedia Flash 6.0 MPEG-4 Software Codec

Hardware Specifications	
System	CPU: 32-bit RISC Processor ROM: 4MB Flash ROM RAM: 32MB SDRAM
Video Adjustment	Brightness; Contrast; Hue; Saturation; Frame Rate; Bit Rate (Constant Bit Rate [CBR]), Variable Bit Rate [VBR] w/ quality level); Group of Picture [GOP] size; Frame Sequence (I-Frame, I-Frame/P-Frame); Interlaced/Progressive Scanning
Installation	Wall-Mount or Pole-Mount
Input Power	AC 100 ~ 240V
Power Consumption	22W
RS485 Voltage	5.6V
Alarm Input Voltage	5.6V
Alarm Output Voltage	0.5A 120Vac / 1A 24Vdc
Dimension	210 (D) x 326 (H) mm
Weight	3.2kg
Operating Temperature	-40°C to 50°C
Operating Humidity	0% to 90% Non-Condensing
Emission Certification	CE, FCC

SPECIFICATIONS

Wireless / Wired / PoE Network Camera Application Diagram



EUSSO high-quality CCD camera series is a full-featured surveillance system that connect to an Ethernet or Wireless network for remote monitoring via web browser from anywhere. With 802.11g wireless or PoE connectivity make installation flexibility at different locations. IR filter allows to see image in low or no light outdoor / indoor environment for your home or business.

ORDERING INFORMATION

Model	Description
UNC7835-O	35X CCD MPEG-4/MJPEG IP66 Outdoor PTZ Speed Dome with 36-CH Software
UNC7835-ASWA	Wall-Mount Bracket
UNC7835-ASPB	Pole-Mount Bracket

EUSSO Technologies, Inc. is a dedicated data communication and networking company. With professional experiences in design, production, marketing and service support, we deliver the full range networking products including Gigabit Ethernet, Fiber Optic, Wireless LAN, Switches, Hubs, LAN cards, PCMCIA adapters, Converter, Transceivers. As well as Internet Telephony Gateway, Print Servers, Internet Sharing Servers and many others.

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EUSSO Technologies, Inc.

6F, No.389, Sec.2, Chung Shan Road, Chung Ho City, Taipei 235-58, Taiwan

TEL:+886 (2) 8221-4616 E-mail:sales@eusso.com

FAX:+886 (2) 8221-4607 <http://www.eusso.com>