



## UNC7825-O / OT / OW

### 25X Network Speed Dome Camera

Monitoring your home or office over the internet anywhere



#### FEATURES

- MPEG-4/MJPEG Dual-Codec compression selectable
- High sensitivity 1/4" Interline Transfer CCD sensor
- Built-in 25x digital optical zoom auto focus lens
- 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
- Up to 64 NDC, 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 UNC7825-O/OT/OW Network Speed Dome
- One Software / Manual CD-ROM
- One Power Adapter, One Ethernet Cable, One Ceiling-Mounting Bracket Set

#### OVERVIEW

The UNC7825 series is an indoor network speed dome camera with optional Wall-Mount and Pendant-Mount outdoor enclosures and brackets. It is an internet-based digital video surveillance device and provides Pan/Tilt/Zoom control. It also supports advanced dual-codec MPEG-4 and MJPEG video compression format and integrated with high sensitivity 25x digital optical zoom CCD image sensor that produces a high video quality up to Full D1 resolution.

In addition, UNC7825-OT model build-in Auto-Tracking function that allows the camera to track the moving object and shows on the center of monitoring screen. The UNC7825-OW model supports Wide Dynamic Range (WDR) function that makes objects clear in a high illumination background. The auto and fast focus function 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 software is included for multiple cameras to monitor and be able to record to your hard drive. Recording can be set up to record by motion trigger, manual or schedule recording.

UNC7825 family 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.

**SPECIFICATIONS****Camera Specifications**

Host Interface	1 * RJ-45 10/100M Ethernet Port 1 * Audio Input 3.5mm Jack 1 * BNC Video Output Connector 1 * 12V DC Power Jack 1 * Alarm In/Out Jack 1 * RS-485 In/Out Jack
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): 720 x 480/ NTSC; 720 x 576/ PAL SIF.....: 352 x 240/ NTSC; 352 x 288/ PAL QSIF.....: 176 x 112/ NTSC; 176 x 144/ PAL
Total Pixels	UNC7825-O/-OT: 768 (H) x 498 (V)/NTSC, 440K; 752 (H) x 582 (V)/PAL, 440K UNC7825-OW.....: 811 (H) x 508 (V)/NTSC, 410k; 795 (H) x 596 (V)/PAL, 410k
Frames per Second	Up to 30 / NTSC Up to 25 / PAL
Optical Zoom	25X, Digital Zoom: 2.56x (UNC7825-OW)
Minimum Illumination	UNC7825-O/OT: Color—0.1 Lux at F1.6, Mono—0.01 Lux at F1.6 UNC7825-OW...: Color—0.1 Lux at F1.6, 0.005 Lux at sense up x160 Mono—0.01 Lux at F1.6, 0.001 Lux at sense up x160
Horizontal & Vertical Synchronization	NTSC: 15.734KHz, 60Hz PAL: 15.625KHz, 50Hz
System	NTSC, PAL
Video	Color / Mono
Synchronization	Internal
Lens Speed	Tele~ Wide: 3.5 Sec (Fast), 6 Sec (Medium), 52Sec (Slow)
Focal Length	3.8 ~ 95mm
Aperture (F)	F1.6 (wide) ~ F3.7 (telephoto)
Angle Field of View	Wide: 39.2° (V) 51.9° (H); Tele: 1.6° (V), 2.2° (H)
Horizontal Resolution	480 TV Lines (Color); 570 TV Line (Monochrome)
S/N Ratio	More than 50dB ( AGC Off )
Auto Gain Control	8dB(Low), 22dB(Medium), 36dB(High)
Iris Control	Auto / Manual (Fast or Medium Speed)
Contrast Adjustment	16 Levels
Wide Dynamic Range	400: 1 (For UNC7825-OW Model)
White Balance	Auto Correction
Motion Detection	Yes
FTP & E-mail Alert Message	Yes
DDNS Function	Yes
Indoor / Outdoor Use	Indoor / Outdoor with Wall-Mount or Pendant-Mount Enclosure (Option)
Bundled Software	36-Channel Recording / Monitoring Software; IP Installer Utility

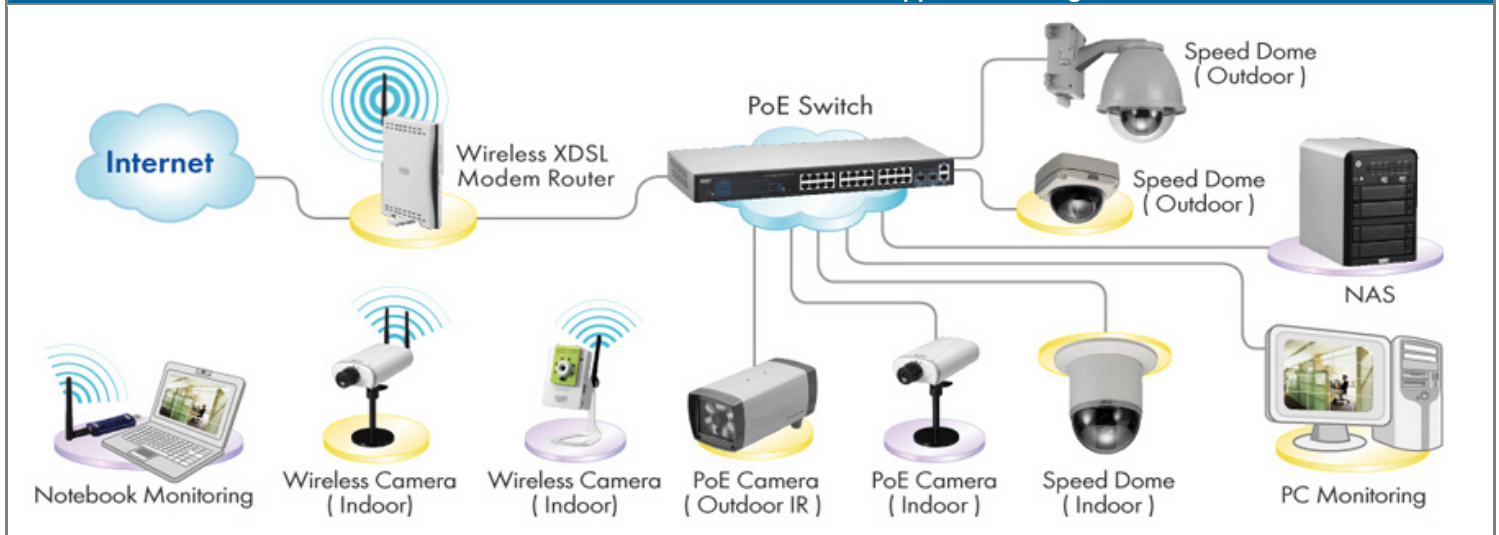
Operational	
Pan Travel	360° Continuous
Tilt Travel	-5° ~ +95°
Pan/Tilt Accuracy	±0.25°
Manual Pan/Tilt Speed	0.18° ~ 180° /sec
Preset Pan/Tilt Speed	1° ~ 255° /Sec
Preset Dwell Time	0 ~ 255 sec
Preset Positions	128 preset positions
Preset Group	4 Groups (Corresponding with first 16 presets)
Instant 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 24AWGx2C 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
Security	Multi-tiered User Access Control for Configuration Administrator and User Group Protected and Password Authentication
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
Watchdog	Chip to monitor system voltage tolerance and abnormal program execution
Installation	Ceiling Mountable
Input Power	12V DC (Power Adapter)
Power Consumption	13W
Dimension	145 (D) x 208 (H) mm
Weight	2.5kg
Operating Temperature	-5°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 security series is a full-featured surveillance system that connect to an Ethernet or Wireless network to provide 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 the image in low or no light outdoor or indoor environment for your home or business.

## ORDERING INFORMATION

Model	Description
UNC7825-O	36CH 25X CCD MPEG-4/MJPEG Indoor/Outdoor Speed Dome
UNC7825-OT	36CH 25X CCD MPEG-4/MJPEG Indoor/Outdoor Speed Dome with Auto Tracking Function
UNC7825-OW	36CH 25X CCD MPEG-4/MJPEG Indoor/Outdoor Speed Dome with Wide Dynamic Range Function
UNC7825-ASWM	Outdoor Wall Mount Enclosure for UNC7825 Series
UNC7825-ASPM	Outdoor Pendant Mount Enclosure for UNC7825 Series

*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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