

FlexWATCH™ 300/500/500s is a stand-alone network video server which delivers crisp real time live videos at a rate up to 30fps over the existing network such as telephone line, LAN, Cable modem, xDSL.

FlexWATCH™ 300/500/500s is designed to meet needs for Multiple video feeds rather than faster transmission from single video server with cost efficient solution for remote monitoring & surveillance. This system is ideal for medium sized or large sized facility monitoring and surveillance such as plant, machine observation, shipyard, daycare center and parking lot.



FW - 300



FW - 500

Key Features

- Real time operation system based on TCP/IP technology. Compatible with Windows, Mac OS, Unix or OS/2 at Java Applet mode.
- Web based Real time Recording and play back using plug-in S/W
- Full control for Pan/Tilt/Zoom and External device over the network
- High speed image transmission, 30fps
- Remote configuration for system management
- Fully interfaced with FlexWATCH™ manager for Central monitoring

Specification

Hardware

32bit RISC CPU
Hardware Motion JPEG engine
Flash Memory: 2Mbytes
SDRAM: 16Mbytes

Network Protocols

HTTP, TCP/IP, FTP, Telnet, ARP, RARP, PPP, PAP, CHAP, JAVA, DHCP etc.

Image Compression & Quality

Compression algorithm: Real-time MJPEG (ISO/IEE10918-1)
Compression rate: Maximum 30 frames/sec
Image quality: 5 levels

Image resolution control

704x480, 704x240, 352x240, 176x112

Video Format

NTSC/PAL Video format support

Performance

Max Up to 15 ~30 frames/sec

Management

Configurable by serial or LAN port
Remote Flash memory update via Telnet

LAN interface

10/100BaseT Fast Ethernet COM interface

RS-232 for console or modem (PSTN/ISDN)
V.35 Connection for Leased Line

Security Function

Password Authentication (user & admin level), IP Filtering
Image Encryption
E-mailing alarm triggered image (**FW-500/500s only**).
FTP function for time reservation & event saving
Auto dial-out for alarm sensor trigger

PTZ(Pan/Tilt/Zoom) Control

RS232, RS-485 bus for multiple PTZ device connection.
Panasonic CS-WV 854, Pelco Spectra dome II and "p" protocol, Sony EVI-D30, Kalatel and AD Delta dome is currently supported and other PTZ device will be supported soon.

Alarm I/O interface (**FW-500/500s**)

6 Opto-coupled inputs
6 Relay output

Easy Access

Internet Explorer 4.0 or higher
Netscape 4.0 or higher
No plug-in S/W for the monitoring

Auxiliary Video-in

6 External video inputs

Dimension

FW-300: 202(L) x 229(W) x 55(H), 2,000g
7.95"(D) x 9.01"(W) x 2.16"(H)
W-500: 202(L) x 310(W) x 55(H), 2,200g
7.95"(D) x 12.2(W) x 2.16"(H)
FW-500S: 202(L) x 310(W) x 55(H), 2,300g
7.95"(D) x 12.2(W) x 2.16"(H)
without power supply

PWR Supply

DC 5 Volt, 1.5, SMPS

Operating temp

40° ~ 120°F (5° ~ 50°C)

Approval

FCC & CE, Class A.

Accessories

Console cable for system set up
LAN Cable
PWR adaptor (SMPS)
Printed User Guide
CD for Installation wizard & Technical note