

System4[®] Server

- Digital Interface for the System4 Multiplexers
- Digital Duplex Operation with 16- or 32-camera Multiplexed Viewing
- Independent Camera Selections for Recording Rate and Resolution
- Video Authentication
- Long Term Digital Recording
- Network Viewing of Live or Recorded Images and PTZ Control (Software Included)
- Advanced Image Search
- Automatic Bandwidth Management



The **System4** Server provides a powerful, affordable, high-performance digital surveillance solution offering video streaming and control over LAN, WAN, or the Internet.

This system enables you to view recorded images without interrupting recording as well as remotely manage your system over a network connection, including remote control of pan/tilt and zoom features, using a PC or optional desktop keyboard.

Local live viewing of video is via the **System4** Multiplexer's Monitor A and Monitor B video outputs (BNC and Y/C video connectors). The **System4** Server allows full or multiscreen live viewing of cameras 1 to 16 on Monitors A and B on the **System4** multiplexer (16 channels) and full or multiscreen live viewing of cameras 17 to 32 on Monitors A and B on the second **System4** multiplexer.

Digital recording can be activated manually, by timer, by alarm input, or by internal motion detection. There are 3 recording modes: free (continuous)

recording, which records all video all the time; motion recording, which only records when motion is detected on a specified channel; and alarm recording, which records upon the trigger of an alarm. Each camera can be set up with activity zones for motion recording.

With the **System4** Server, recording frame rates and resolution can be selected globally for the entire system or individually for each camera. Recording rates can be set from 1 image every 10 seconds to real time recording.

Images can be retrieved using the advanced search features by time, date, text title, camera number, alarm, or pixel change (via the SmartSearch capability).

Other advanced features of the **System4** Server include three password protected user access levels, selectable or automatic bandwidth management, and Advanced Intelligence Encryption (AIE) to ensure the video has not been altered.

SPECIFICATIONS

Electrical

Video:

Display Memory: 720 H x 484 V for NTSC, 720 H x 596 V for PAL.

Video Input Level: 0.5 Vp-p to 2.0 Vp-p composite video signal.

Compression: WAVELET.

SVGA: One (1) DB 15.

Recording Speed:

Selectable from 0.1 IPS to real time recording.
Continuous recording at 16 IPS, at medium resolution = one week recording for 150 GB version.
7–60 days of normal recording capacity in activity/alarm detection mode.

Alarm Handling:

Inputs:

Sixteen (16) fixed programmable NC or NO.

Thirty-two (32) fixed programmable NC or NO.

Outputs: Two (2) form C relays, each NC and NO, rated 1.0 A at 40 VAC/DC.

SDA: DB15 for 5 biphas outputs for each mux.

Environmental

Temperature: 10°C to 32°C (50°F to 89.6°F), operating.

Humidity: 0% to 90% relative, noncondensing.

All **System4** Server models include an LTC 2682/90 **System4** Multiplexer, black PC keyboard and mouse, network interface, documentation, and setup guide.

	MODEL NO.					
	S4SVR	S4SVRLP	S4SVRSLP	S4SVREP	S4SVR2	S4SVR2EP
Electrical						
Inputs with Automatic Looping, BNC	16	16	16	16	32	32
Analog Monitor Outputs	2	2	2	2	4	4
Hard Drive Size (GB)	150	240	320	640	320	640
CD-RW	N/A	Included	Included	Included	Included	Included
Alarm Inputs	16	16	16	16	32	32
Alarm Outputs	2	2	2	2	4	4
Network Interface Card (Ethernet)	Included, RJ-45	Included, RJ-45	Included, RJ-45	Included, RJ-45	Included, RJ-45	Included, RJ-45
Remote Viewing Software	Included	Included	Included	Included	Included	Included
Rated Voltage	120/230 VAC, 50/60 Hz	120/230 VAC 50/60 Hz	120/230 VAC 50/60 Hz	120/230 VAC 50/60 Hz	120/230 VAC 50/60 Hz	120/230 VAC 50/60 Hz
Power at Rated Voltage	200 W	200 W	250 W	250 W	250 W	250 W
NTSC, EIA / PAL, CCIR	Selectable	Selectable	Selectable	Selectable	Selectable	Selectable
Mechanical						
Dimensions W x D x H (mm)	483 x 457 x 178	483 x 457 x 178	483 x 457 x 178	483 x 457 x 356	483 x 457 x 178	483 x 457 x 356
Dimensions W x D x H (inch)	19 x 18 x 7	19 x 18 x 7	19 x 18 x 7	19 x 18 x 14	19 x 18 x 7	19 x 18 x 14
Weight	37 lbs	38 lbs	40 lbs	82 lbs	41 lbs	83 lbs

* Add one U high (1.75-inch) for 16-channel and two U high (3.5-inch) for 32-channel.
Each includes SVGA output via DB15.



PHILIPS

Let's make things better.