

Evolution SmartViewer displays video camera views and the easy-to-use graphical user interface.

SmartViewer is a high performance computer. It supports one or two high resolution color monitors or LCD displays, and connects to the Evolution system via a high speed Gigabit ethernet network link.

The SmartViewer Graphical User Interface (GUI) monitors and controls up to 16 cameras simultaneously.



SmartViewer Graphical User Interface (GUI)



The SmartViewer GUI monitors and controls events such as building access and motion detection. It controls video playback from the SmartServer hard disk video recorder server, too.

The SmartViewer also controls cameras; for example, use the GUI to pan, tilt, zoom, or center on an object. Camera video window display size can be adjusted easily, from 25% (4x4 camera thumbnail), to 100% (full D1 size), 400% (interpolated double size) and to full screen size.

The GUI supports multiple languages. English and Chinese are standard and can be changed effortlessly.

Multiple SmartViewer stations can be connected to a single SmartCam Evolution network via the Gigabit network.

- Up to 16 dynamic video display windows
- Mouse control of camera pan, tilt, zoom and focus
- Alarm event monitoring and control
- Review and control video playback
- Customize screen layouts
- Customize authorization levels for secure login to camera and event control
- Integrates with existing video surveillance camera systems
- Integrate with existing access control and burglar systems
- High performance network connectivity

One SmartViewer with a mouse and keyboard can control a group of SmartViewers; each SmartViewer supports two monitors. So, many cameras and events can be monitored simultaneously. This maximizes camera video display and enables larger displays.

SmartViewer connects to the evolution network via a simple, low cost, copper gigabit network switch (such as the economical Netgear GS504T). The high performance networking allows SmartViewer simultaneously display multiple live camera feeds and retrieve and display recorded video from the SmartServer hard disk video recorder.

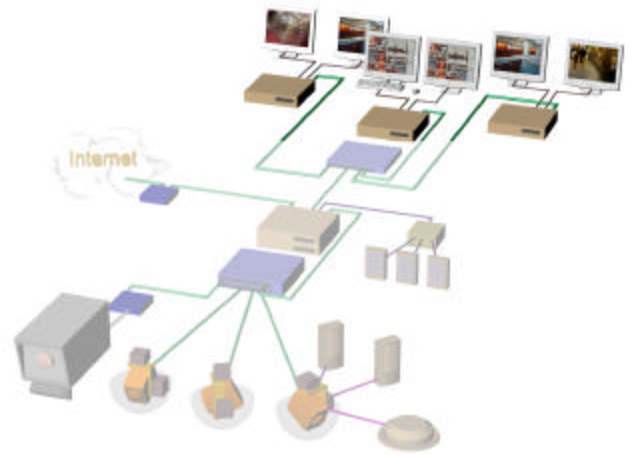
SmartViewers can be located up to 300 feet (100 meters) from the network switch using standard UTP Cat5 network cable. SmartViewers may be set to view only mode for areas that are not authorized for system or camera control.

For maximum flexibility in system configuration and server room layout, SmartServers can be located up to 300 feet (100 meters) from monitor, mouse and keyboard.

Evolution SmartViewer

GUI Features

- Up to 16 dynamically resizable MPEG2 display windows
- Dynamically adjustable frame rate at up to 30 frames/second (25 PAL)
- Camera control of pan, tilt, zoom and focus from mouse and optional joystick
- Save and reload camera pan, tilt, zoom, and focus positions
- System event monitoring and control with operator authorization
- Control and review video playback from SmartServer hard disk video recorder
- Configurable screen layouts can be saved and restored as needed
- Secure login to console for camera and event control
- Integrates with existing video surveillance, alarm and access control systems



Hardware Specifications

- Dual AMD Athlon MP2000 processors
- 512MB PC2100 DDR SDRAM
- Gigabit ethernet networking
- 40GB Ultra-ATA100 hard disk
- Dual NVIDIA 64MB graphics adapters
- Linux operation system

Physical Specifications

- 2U, 19" rack mount (16.75" x 3.5" x 26.25")
- 100-240VAC auto ranging, 430W power supply
- 4 high volume 80mm cooling fans
- High grade steel construction
- Operating temperature/humidity 5-30°C, 5-95%
- FCC Class A
- 5 day burn in/test under full load
- UPS (battery backup) power supply available



High quality 480W power supply
High air-flow design stays cool and reliable
Dual Athlon CPU with high performance coolers

Primary and secondary monitor interfaces
Gigabit ethernet interface



Specifications subject to change without notice
Monitor not included



USA HEADQUARTERS:
21580 Stevens Creek Blvd., Suite 208
Cupertino - CA 95014 - USA
(Phone) 408 446 8400 - (Fax) 408 446 8426
sales@futuretel.com
www.futuretel.com

CHINA SALES:
Huixin Plaza, Suite 1208 - Chaoyang District
8 Beichen Dong Road - Beijing - China 100101
(Phone) 010 8499 0378 - (Fax) 010 84990379
chinasales@futuretel.com
www.futuretel.com/china