SVR-204 Network Video Recorder -
Full HD Network Video Recorder for SOHO
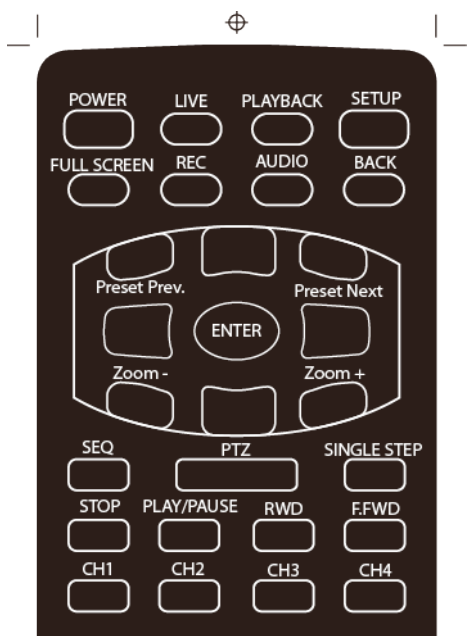
- ● **Manage up to 4 Network Cameras**
- ● **Compatible with Major Brand Cameras**
- ● **High Quality Live/Playback Video**
- ● **Export Playback Videos to AVI**
- ● **Smart Camera Search**
- ● **Mobile Devices Remote Monitoring**
- ● **Web Based Administration**
- ● **1080P HDMI Local Display**
- ● **Operate with Remote Control & Mouse**

Full HD 1080p

The SVR-204 is designed for use within a surveillance system, and performs recordings and playbacks pictures from network cameras in the system. It is designed for small scale applications such as retail store. Up to 4 cameras can be connected via a network and it is possible to record their camera pictures. It is possible to perform the settings or operate the NVR using a web browser installed on a PC connected to a network and live videos can be viewed on major mobile devices through its web browser. Recorded video can be played back from remote site by a PC. It comes with a HDMI connector that allows users to connect the NVR directly to a HDMI capable HDTV/monitor. It then can be operate with the bundled remote control and mouse. SVR-204 is compatible with most major brand cameras and its ability to automatically search and find the available cameras on the network can greatly reduce the user's effort when configuring the system.

Preliminary

SVR-204 -- Hardware Specifications

CPU and Memory
• Media processor/512MB DDR2 RAM

Ethernet
• 10/100, half duplex/full duplex auto-negotiation

HDD
• 3.5" SATA HDD x 2 (SATA I or SATA II)
• Max. Capacity: 4TB (2TB per HDD)

Buttons
• Reset/Power

Connectors
• USB x 2 (supports USB mouse)
• HDMI x 1
• Composite RCA jack
• Audio RCA x 2

Power
• 12V DC/4A
• Power consumption: 50W

Dimensions
• 21.3 x 8 x 15 cm

Weight
• TBD

Temperature
• 5~40 °C, operating
• -10~70 °C, storage

Humidity
• 10~80%, operating
• 5~90%, stoage

Safety
• CE/FCC

HDMI

USB mouse

IR Remote

SVR-204 -- Software Specifications

Cameras

Add Camera	Manual/Smart Camera Search
Max. Channels	4

Video

Compression	MJPEG/MPEG-4 Part 2/H.264
Resolution	Full HD/MegaPixel/FD1/CIF/QCIF

Audio

Streaming	One-way audio (local UI) Two-way audio (Web UI)

Live View

Display Mode	Live View/Playback/Full Screen
Split Screen	1/4 (web), 1 (local display)
Full Screen	1/4 (web), 1 (local display)
PTZ Support	Virtual PTZ Panel/Digital PTZ (web UI)/Auto Pan (web UI)/Preset Point/Preset Sequence
Sequence Mode	Sequence All/Manually Selected cameras in 1/4 split view with configurable timer (web) Single view sequence with configurable timer (local display)
Snapshot	Video snapshot in JPEG format
E-Map	Motion Detected Event Display on E-Map/Google Map (web)
Mobile Device	Live image view through mobile device's web browser Support iPhone/Blackberry/WinMo 6.5/Symbiam S60

Playback

Split Screen	1/4 (web), 1 (local display)
Seach Method	Time/Date, Event
Playback Controls	Play/Pause/Stop/Forward/Reverse/Speed Adjust/Frame by Frame
Backup	Backup recorded video in original database file format to local USB storage

Recording

Capacity	Depends on hard disk
Recording Mode	Manual/Continuous/Scheduling/Event
Scheduling Types	Manual Select/Profile-based/Weekly Mode
Recording throughput	40 Mbps

Network

Protocols	HTTP/SMTP/DHCP/ARP/NTP/DNS/UPnP/FTP
Streaming Protocols	Depend on the supported cameras

User Management

Management	User/Group
Number of Groups	7 (Administrator/Guest/User Define * 5)
Privileges	Live View/Playback/System Configurations/Camera Configurations/Recording Configuration/Event Configuration/Maintenance

Triggers & Events

Events	*System Events* -- System Start/Shutdown, System Settings modified, Camera Settings Modified, Start Recycle, Disk Full *Camera Events* -- Motion/Sensor Detection
Event Actions	Mail/FTP/Record
Event Recording	Pre/Post Event Settings

Storage

Storage	Support SATA x 2, Max. 2TB per drive

Log Types	Alert/Event/User Access

Systems

Mini. Hardware Requirements	CPU: Intel Core 2 Duo @ 2.4Ghz or higher RAM: 1GB or above Network: 100 Megabit Network Interface or above
Mini. Software Requirements	IE Browser version 7 or Above

General

Languages	(Web) English/Trad. Chinese/Simp. Chinese/Japanese/Spanish/Italian/German/Danish/Czech/Polish/French/Russian/Slovensky/Hungarian/Portuguese (Local UI) English
Packaging	SVR-204 (HD NOT included)/CD with Software tool/Datasheet/Quick Guide/User's Manual/Power Adapter

Preliminary