

Features



Monitor/control all front-end (DVR) devices in PC stations

- Remote monitoring, control, and management for virtually unlimited number of front-end surveillance devices such as DVRs
- Bi-directional audio capabilities
- Remote video, audio, and alarm input monitoring
- Audio Broadcast to all device.
- Remote alarm output control
- Remote PTZ control
- Remote GPS/POS function
- Remote software upgrade and setup for (DVR) devices
- Remote alarm notification

Backup/playback video/audio in PC stations

- Remote playback of recorded video/audio in front-end devices such as DVRs
- Backup live/recorded video/audio of front-end devices and FTP server in local HDD
- Play video/audio stored in local HDD
- Print/snapshot live or recorded video

User-friendly Hyper Electronics Maps

- Open system architecture
- Custom-made electronics maps for different surveillance requirements
- Unlimited levels of maps with hyper-links
- Support versatile dynamic map objects, such as camera, alarm input, alarm output, action button, front-end (DVR) device, and map
- Simultaneous monitoring/control of different front-end (DVR) devices in a single map
- Virtually unlimited number of objects in a map

Ease of use

- Multi-lingual support
- Single device view same as the split window display in Internet Explorer or via hyper electronics map
- Multiple device view via hyper electronics map
- Single mouse click to view any hyper electronics map
- Remote alarm notification to display a pop-up user-defined hyper electronics map
- Sequential display for user-defined hyper electronics maps and cameras
- System provided default/sample bitmaps and icons for each object
- The bitmaps and icons for each object can be tailored by the users
- Auto-run for user-defined entry map
- Password protection can be enabled/disabled by the user
- Network connection ISDN , ADSL , TCP/IP

Safety and Security

- Protection key to access front-end (DVR) devices
- Password to access front-end (DVR) devices
- Multi-level password to enter HEM

Appendix A – Specifications

Features\Models	PS9010	PS9050	PS9099
Monitoring & Control			
Max. # of front-end devices	10	50	Unlimited
Bi-directional audio	Yes	Yes	Yes
Remote video, audio, alarm input, and alarm output monitoring	Yes	Yes	Yes
Remote alarm output control	Yes	Yes	Yes
Remote PTZ control	Yes	Yes	Yes
Remote upgrade	Yes	Yes	Yes
Remote configuration	Yes	Yes	Yes
Remote alarm notification	Yes	Yes	Yes
Remote playback	Yes	Yes	Yes
Playback search	Date/time, Camera, Alarm, Motion, and POS		
Backup video/audio in local HDD	Yes	Yes	Yes
Play video/audio in local HDD	Yes	Yes	Yes
Print out / snapshot	Yes	Yes	Yes
Display GPS information	Yes	Yes	Yes
Display POS information	Yes	Yes	Yes
Hyper electronics map	Yes	Yes	Yes
Display			
Multi-lingual	Yes	Yes	Yes
Single device view	Yes	Yes	Yes
Split windows	Yes	Yes	Yes
Multiple device view	Yes	Yes	Yes
25/36/49/64 split windows	Yes	Yes	Yes
Security			
Authentication key	Yes	Yes	Yes
Password protection	Yes	Yes	Yes
Ports used	67, 68	67, 68	67, 68

System Requirements

It is recommended to install the HEM software using a PC that meets the following system requirements. If you use a PC that does not meet the following system requirements, it may cause problems such as slow imaging or the HEM software unable to operate.

- **PC**
IBM PC/AT compatible.
- **CPU**
Intel® Pentium® 4, 1.6 GHz or above.
- **OS**
Microsoft® Windows® XP, Windows® 2000 with SP4, or Windows® Vista.
- **Monitor**
1024 x 768 or above.
- **Memory (DRAM)**
512MB or above, at least 1024MB recommended. The more complicated the HEM maps, the more memory required.
- **Network Interface**
Ethernet, 10/100 Base-T for LAN, or the other interfaces which can be connected to the internet.
- **DirectX**
Microsoft® DirectX® 9.0 or above.
- **Others**
Windows XP KB319740 Package if Windows XP SP2 is installed.