

# H.264 GUI DVR

**FMS**  
FUTURE MONITORING SYSTEM

**Nexus™**

- H.264 Video Compression
- Embedded Linux For Maximum Reliability
- Support More Than 1TB SATA HDD
- Real Time Record & 1/4/8 Segment Playback
- Every Channel Built-in With Lightning Protection
- WEB, Client Software For Remote Control Supported
- Support Win 5.0/5.0, iPhone, Blackberry, PDA, Symbian Phone

- HDD Direct Playback
- Advanced CMS Included
- Email Alert & FTP Upload
- Multi-Language Supported
- GUI (Graphical User Interface) For Easy Operation
- Full Pentaplex (All Function Supported At The Same Time)



## FMS 10000 SERIES



### SPECIFICATIONS

| MODEL                        | FMS-10104                                                         | FMS-10108           |
|------------------------------|-------------------------------------------------------------------|---------------------|
| <b>VIDEO</b>                 |                                                                   |                     |
| Video Input                  | 4 Channel                                                         | 8 Channel           |
| Input Level                  | 1.0 Vp-pa10% Composite, 75Ω Balanced                              |                     |
| Video Standard               | NTSC / PAL                                                        |                     |
| Main TV Output               | 2Vp-p Composite, 75Ω Balanced                                     |                     |
| Spot TV Output               | 2Vp-p Composite, 75Ω Balanced                                     |                     |
| <b>AUDIO</b>                 |                                                                   |                     |
| Audio Input                  | 1 Channel                                                         | 4 Channel           |
| Input Level                  | 0.5Vp-p, 75KΩ                                                     |                     |
| Audio Output                 | 1 Channel                                                         | 2 Channel           |
| <b>OS</b>                    |                                                                   |                     |
| Operating System             | Embedded Linux for Medium Reliability                             |                     |
| <b>INTERNET TRANSMISSION</b> |                                                                   |                     |
| Video Compression            | H.264 (Internet Transmission: H.264)                              |                     |
| <b>REALTIME DISPLAY</b>      |                                                                   |                     |
| Display Resolution           | NTSC: 720x480(D1), PAL: 720x768                                   |                     |
| Maximum Display Speed        | 100 / 120 fps                                                     | 200 / 240 fps       |
| Screen Split Control         | 1 / 4 / SEQ                                                       | 1 / 4 / 8 / 8 / SEQ |
| Mode                         | Zoom x 2, PIR, Auto SEQ                                           |                     |
| <b>RECORDING</b>             |                                                                   |                     |
| Compression                  | H.264 Hardware                                                    |                     |
| Resolution (Frames)          | NTSC: 720x480, 720x240, 360x240<br>PAL: 720x576, 720x288, 360x288 |                     |
| Maximum Recording Speed      | NTSC: 120fps (360x240)<br>PAL: 100fps (360x288)                   |                     |
|                              | 240 fps (360x240)<br>200 fps (360x288)                            |                     |
| Mode                         | Normal, Motion, Alarm, Schedule                                   |                     |
| Picture Quality              | 5 Levels (highest, High, Normal, Low, lowest)                     |                     |
| Pre-Alarm Recording          | 16MB (10 sec)                                                     |                     |
| Water Marking                | Encryption                                                        |                     |
| <b>PLAYBACK</b>              |                                                                   |                     |
| Display                      | 1, 4                                                              | 1, 4, 8             |
| Search                       | Time / Event, Calendar, Segment                                   |                     |
| Speed                        | Normal, REW & FF (2x, 4x, 8x, 16x, 32x, 64x), Pause               |                     |
| <b>STORAGE DEVICES</b>       |                                                                   |                     |
| Internal Storage             | More Than 1 TB, 1x SATA HDD                                       |                     |
| External Storage             | No                                                                |                     |
| <b>BACKUP</b>                |                                                                   |                     |
| Internal Device              | No                                                                |                     |
| External Device              | USB 2.0 Device, Remote Network Backup                             |                     |

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| MODEL                                   | FMS-10104                                                                 | FMS-10108                 |
|-----------------------------------------|---------------------------------------------------------------------------|---------------------------|
| <b>MULTI-REMOTE SURVEILLANCE</b>        |                                                                           |                           |
| Monitoring Environment                  | WEB, Client SW, Central Monitoring SW (CMS), Mobile                       |                           |
| HP (36,4SPRS) Monitoring                | Windows 5.0 / 6.0, iPhone, Blackberry, Symbian, PDA Phone                 |                           |
| Remote Operation                        | Virtual DVR-Same As Local OSD                                             |                           |
| Real Time & Search                      | Max.5 Clients Accessible                                                  |                           |
| <b>SYSTEM MONITORING &amp; RECOVERY</b> |                                                                           |                           |
| System Logging                          | System Logging (Power Failure Checkable)                                  |                           |
| Monitoring                              | Watchdog                                                                  |                           |
| Recovery                                | Auto-Reboot By Watchdog, Automatic File System Recovery                   |                           |
| <b>ALARM</b>                            |                                                                           |                           |
| Sensor Input / Alarm Output             | 4 Sensor In / 1 Alarm out                                                 | 8 Sensor In / 1 Alarm out |
| Motion Detection                        | Available At Each Camera Multi Detection Level                            |                           |
| <b>CONNECTOR</b>                        |                                                                           |                           |
| Video Input                             | BNC 4 Port                                                                | BNC 8 Port                |
| Audio Input                             | Line RCA 1 Port                                                           | Line RCA 4 Port           |
| Audio Output                            | Line RCA 1 Port                                                           | Line RCA 2 Port           |
| Spot Monitor output                     | BNC1 Port                                                                 |                           |
| Alarm / Sensor                          | Terminal Block                                                            |                           |
| Relay Output                            | Terminal Block                                                            |                           |
| PTZ                                     | Terminal Block-RS-485, Protocol Supported PELCO-P, PELCO-D, etc.          |                           |
| Ethernet                                | RJ-45 Modular Jack, 10 / 100Mbps Fast Ethernet                            |                           |
| Device                                  | 1x USB 2.0(Front), 1x USB 1.1 (Front)                                     |                           |
| VGA Output                              | Dsub-15 Female (Max. Resolution: 1920 x 1200)                             |                           |
| <b>Others</b>                           |                                                                           |                           |
| DVR Controller                          | IR Remote Control, USB Optical Mouse                                      |                           |
| OSD                                     | GUI (Graphical user interface)                                            |                           |
| PC Viewer                               | Direct monitoring of DVR's HDD on PC                                      |                           |
| Pentaplex (All functions)               | Live, Record, Playback, Network, Data Backup (Supported At The Same Time) |                           |
| Language                                | Multi-Language Selection                                                  |                           |
| <b>ELECTRICAL</b>                       |                                                                           |                           |
| Power Source                            | External Adapter, INPUT: AC100-240V, OUTPUT: DC12V(4A)                    |                           |
| <b>ENVIRONMENTAL</b>                    |                                                                           |                           |
| Operating Temp.                         | 5°C ~ +45°C                                                               |                           |
| Storage Temp.                           | -50°C ~ +45°C                                                             |                           |
| Humidity                                | 30~90%RH (Non-Condensing)                                                 |                           |
| <b>PHYSICAL</b>                         |                                                                           |                           |
| Dimension (mm)                          | 330(4) x 220(3) x 44(3)mm                                                 |                           |
| Weight                                  | ±1.32KG (With 1 x HDD ±1.84KG)                                            |                           |

\*Specification Change Without Further Notice

