




**Other**  
Indistinct

**iCATCH**  
Distinct

**3G Network**

## REAL-TIME DIGITAL VIDEO RECORDER

- H.264 4XD1 Real - Time DVR
- iPad Support
- MAC System Support
- HDMI Support
- HDD Smart Function Support
- 3G Mobile Viewer Supported for Various Platform
  - iPhone, Symbian, Windows Mobile, Android, Blackberry
- D1 Real Time Recording & Playback
- Triple Streaming for Recording, Network, Mobile (JPEG, QCIF)
- CMS Support (Matrix display and E-Map)
- Free IVS (Intelligent Video Surveillance) Support via CMS
  - People Counting
  - Electric Fence



Standard H.264 Codec



Mobile view



CMS



PTZ



IE



DDNS



VGA



SATA



HDMI



Remote control



Mouse



DVD



MADE IN TAIWAN



| Model                       |   | 411ZS-J  | 811ZS-J   | 611ZS-J   |   |
|-----------------------------|---|--|---|---|---|
| Camera Input                |   | 4CH  | 8CH   | 8CH   |   |
| Video                       | HDMI  | 1 (Option) [Video Output [1280x1024] + Audio Output]   |   | N/A   |   |
|                             | Input   | 4  | 8   | 16  |   |
|                             | Output  | 2 BNC (1 BNC for Main monitor, 1 BNC for Co-monitor) , 1 VGA ( max. 1280X1024)                           |   |   |   |
| Audio                       | Input   | 4 RCA  | 4 RCA   | 4 RCA   |   |
|                             | Output  | 2 RCA  | 2 RCA   | 1 RCA   |   |
| Operating System            |   | Embedded Linux OS  |   |   |   |
| Internal HDD                |   | Supports 1 SATA Device (HDDx1)   |   |   |   |
| External HDD                |   | N/A  | N/A   | eSATA   |   |
| System                      | Sensor In (NO, NC)<br>Relay out                                       | Sensor-in x 4<br>Relay-out x 1   | Sensor-in x 4<br>Relay-out x 1  | Sensor-In x 8<br>Relay-out x 1  |   |
|                             | Serial Interface  | RS-485   |   |   |   |
| USB                         |   | 2 x USB2.0   |   |   |   |
| Dimension ( mm )            |   | 280(w)x51(h)x203(d)  |   |   |   |
| Weight ( w/o / HDD/DVD±RW ) |   | 1.00KG   | 1.03KG  | 1.4KG   |   |
| Adaptor                     |   | Input 100-240V, Output 12V 3A  |   |   |   |
| Power Source                |   | 36W  |   |   |   |
| Display                     | Speed   | 120 fps  | 240 fps   | 480 fps   |   |
|                             | Resolution (Pixel)  | 720 X 480(NTSC), 720 X 576(PAL)  |   |   |   |
|                             | Split Screen  | 1,4, SEQ.  | 1,4, 8, SEQ.  | 1,4, 9, 13, 16, SEQ.  |   |
|                             | Auto Channel Switching  | Switching time : 1 - 999 sec   |   |   |   |
|                             | Mode  | Zoom ( Digital x2~ x8 ), PIP, Auto SEQ.  |   |   |   |
| Compression                 |   | H.264 ASP (Internet Transmission: H.264)   |   |   |   |
| Recording                   | Dual Stream<br>Resolution(Pixel)                                      | 704 X 480, 704 X 240, 352 X 240 (NTSC) / 704 X 576, 704 X 288, 352 X 288 (PAL)                           |   |   |   |
|                             | Main(Recording)<br>Sub(Network)                                       | 352 x 240 (NTSC), 352 x 288 (PAL)  |   |   |   |
| Picture Quality             |   | 5 levels (Highest, High, Normal, Basic, Below Basic)   |   |   |   |
| Mode                        |   | Manual, Motion, Schedule   |   |   |   |
| Recording                   | Speed   | NTSC   | D1 120 fps(704 x 480) / HD1 120 fps(704 x 240) / CIF 120 fps(352 x 240) | D1 120 fps(704 x 480) / HD1 240 fps(704 x 240) / CIF 240 fps(352 x 240) | D1 120 fps(704 x 480) / HD1 240 fps(704 x 240) / CIF 480 fps(352 x 240) |
|                             |   | PAL  | D1 100 fps(704 x 576) / HD1 100 fps(704 x 288) / CIF 100 fps(352 x 288) | D1 100 fps(704 x 576) / HD1 200 fps(704 x 288) / CIF 200 fps(352 x 288) | D1 100 fps(704 x 576) / HD1 200 fps(704 x 288) / CIF 400 fps(352 x 288) |
| Pre-Alarm                   |   | 10 SEC   |   |   |   |
| Post-Alarm                  |   | 1 - 60 SEC   |   |   |   |
| Watermark                   |   | YES  |   |   |   |
| Playback                    | Display   | 1, 4   | 1, 4, 8   | 1, 4, 9, 16   |   |
|                             | Search mode   | Date, time, event, camera  |   |   |   |
|                             | Zoom  | Digital ( x2 ~ x8 )  |   |   |   |
|                             | Snapshot  | YES  |   |   |   |
|                             | Speed   | Normal, REW & FF (recorded speed x2, x4, x8, x16, x32, x64), Frame to frame, Pause                       |   |   |   |
|                             | Device  | Int. HDD   |   |   |   |
| Network                     | Network Interface   | 10/100 Ethernet  |   |   |   |
|                             | Protocol  | TCP/IP, SMTP, HTTP, DHCP, PPPoE(ADSL), NTP   |   |   |   |
|                             | Application   | Windows XP/VISTA/7(PC Client system)   |   |   |   |
|                             | Remote Software   | Application Software, IE Browser   |   |   |   |
|                             | Account   | 1 Admin + 10 users   |   |   |   |
|                             | CMS   | Yes  |   |   |   |
| Mobile                      | Symbian, Windows Mobile, Blackberry, iPhone, Android phone            |  |   |   |   |
| Event Transport             | E-mail, FTP   |  |   |   |   |
| Backup                      | Interface   | USB 2.0 or SATA  |   |   |   |
|                             | Audio Backup  | YES  |   |   |   |
|                             | Network   | YES  |   |   |   |
| Backup Device (Optional)    | Network Backup / USB Flash Drive / USB DVD±RW                         |  |   |   |   |
| Alarm                       | Motion Detection  | Detected Frames: Channel<br>Sensitivity : 10 levels for each channel<br>Area : Programmable individually |   |   |   |
|                             | Search ( Event Criterion )  | YES  |   |   |   |
|                             | Event Log   | Up to the 10000 events(Sensor, Motion, video Loss, power on, remote login, logout, HDD error, HDD full)  |   |   |   |
| OSD & DVR Control           | GUI   | 16-bit True Color  |   |   |   |
|                             | Multi-Language  | English, Traditional Chinese, Others   |   |   |   |
|                             | Camera Title  | Multi-Language   |   |   |   |
|                             | USB Mouse   | YES  |   |   |   |
|                             | Touch Panel   | Touch Panel LCD Monitor (USB Interface, EETI Chipset Only)   |   |   |   |
|                             | Remote Controller   | IR Remote Control ( Max. 1 Device)   |   |   |   |
|                             | System Upgrade  | via USB / Network  |   |   |   |
| Hard Key                    | Front Panel   |  |   |   |   |
| Pan / Tilt / Zoom / Control | Control From RS-485 Interface( Pelco P, Pelco D, Samsung, LG, LiLin ) |  |   |   |   |

## H.264 x11ZS Series

### DVR 411ZS-J/811ZS-J/611ZS-J

SUBJECT CHANGED WITHOUT NOTICE



\*\* 611ZS-J