

|   |  |  |  |
|---|--|--|--|
| <br>Live & Display     | <br>Smart Search    | <br>Alarm Scheduler | <br>Alarm Scheduler |
| <br>VGA & HDMI         | <br>Relay Alarm out | <br>DDNS            | <br>DHCP Server     |
| <br>CMS                | <br>Web Client      | <br>Mobile Viewer   | <br>Dual Streaming  |
| <br>Email Notification | <br>HDD SMART       | <br>Master Alarm    | <br>POS Function    |



Made in Korea



[DI-KE-5004 / 5008 AHD-Plus2]



[DI-KE-5016 AHD-Plus2]

## Features

- AHD, TVI & analog camera support
- Over 400m transmission with 5c-2v cable
- ezP2P™ Cloud Service without any complicated network setting
- 2 x Typical PUSH Functions
  - PUSH Video Call to iPhone/iPad & Android Phone
  - PUSH Network Connection under Sensor Event
- POS Function up to 4 sets of POS Devices
- Startup Wizard for Easy Configuration
- Remote Monitoring by Remote S/W(CMS) & Smart Phone
- Talk-Back Function for 2-way communication with Smart Phone

### P2P Cloud Service

Auto Port forwarding

### HDD SMART Info

Bad Sector, Temperature

### Operating System

Intuitive, Stable and User Friendly

### Conventional

Local Live and Playback

## SPECIFICATION

| MODEL                               |                     | DI-KE-5004AHD-Plus2   | DI-KE-5008AHD-Plus2    | DI-KE-5016AHD-Plus2     |
|-------------------------------------|---------------------|---|------------------------|-------------------------|
| Compression Algorithm               |                     | Video : H.264/H.265 , Audio : ADPCM   |                        |                         |
| Max. HDD Bay                        |                     | 1 x SATA HDD  | 1 x SATA HDD           | 2 x SATA HDD            |
| Operating System                    |                     | Embedded Linux  |                        |                         |
| Video                               | Input               | 4 Ch  | 8 Ch                   | 16 Ch                   |
|                                     | Format              | TVI, AHD, SD  |                        |                         |
|                                     | Loop-Out            | Not Available   |                        |                         |
| Video Mode                          |                     | NTSC/PAL Selectable   |                        |                         |
| Live Display (NTSC/ PAL)            |                     | 120/100 fps   | 240/200 fps            | 480/400 fps             |
| Screen Modes for Live Display       |                     | 1 & 4   | 1, 4, 6 & 9            | 1, 4, 6, 9, 10, 13 & 16 |
| Video-Out                           | Monitor             | VGA & HDMI & Spot   |                        |                         |
|                                     | Resolution          | HDMI/VGA : 800x600, 1024x768, 1280x1024, 1920x1080 ,<br>Only HDMI : 2560x1440, 3840x2160 (4K)   |                        |                         |
| Recording Speed                     | 960x480/576(960H)   | 120/100 fps   | 240/200 fps            | 480/400 fps             |
|                                     | 1280x720 (HD)       | 120/100 fps   | 240/200 fps            | 480/400 fps             |
|                                     | 1920x1080 (FHD)     | 60/50 fps   | 120/100 fps            | 240/200fps              |
|                                     | 1280x1440 (4M Lite) | 60/50 fps   | 120/100 fps            | 240/200fps              |
| Recording Resolution                |                     | HD : 1280x720, 1920x1080, 4M Lite (1280x1440)<br>NTSC : 352x240, 720x240, 720x480, 960x480 PAL :<br>352x288, 720x288, 720x576, 960x576  |                        |                         |
| Recording Modes                     |                     | Continuous, Scheduled, Sensor-Activated & Motion Detection Recording<br>Pre & Post Alarm Recording, Emergency Recording, Quick Backup   |                        |                         |
| Playback & Search                   | Speed               | x1, x2, x4, x8, x16, x32  |                        |                         |
|                                     | Screen Mode         | 1 & 4   | 1, 4, 6 & 9            | 1, 4, 6, 9, 10, 13 & 16 |
|                                     | Function            | Intelli-Search by Time Bar, Calendar (Date & Time) and Event Search   |                        |                         |
| Audio Input / Output                |                     | 1 Ch / 1 Ch + HDMI Audio out  |                        |                         |
| Alarm Input / Relay Output          |                     | -   |                        |                         |
| P/T/Z Control (RS-485)              |                     | Virtual Joy-Stick Control on screen by Mouse<br>Pan/Tilt/Zoom/Focus/Iris by Keyboard  |                        |                         |
| LAN                                 |                     | Gigabit Ethernet (RJ45)<br>Fixed IP, DHCP & DDNS  |                        |                         |
| Network Function                    |                     | <ol style="list-style-type: none"> <li>1) Dual-Stream (Local Recording &amp; Network Transmission)</li> <li>2) Network Bandwidth Control (25 Kbps ~ 1000 Mbps)</li> <li>3) Live Monitoring, Remote Playback and File Backup (Triplex-on-Remote)</li> <li>4) Time Synchronization by NTP Server ("pool.ntp.org")</li> <li>5) Remote &amp; E-Mail Notification, Remote System Reboot by IE, Remote PTZ Control</li> <li>6) P2P Cloud Service (Auto Port forwarding)</li> </ol>                                |                        |                         |
| Remote Management                   | Software            | CMS & MMS (MV3000)  |                        |                         |
|                                     | Web (IE)            | Live Monitoring, Playback & System Configuration  |                        |                         |
| Backup Device                       | Internal            | Not Available   |                        |                         |
|                                     | External            | Local Backup by USB ODD, Network Backup by CMS, File Upload to FTP Server   |                        |                         |
| System Recovery after Power Failure |                     | Auto-Reboot and Journaling File System  |                        |                         |
| Advanced Functions                  |                     | <ol style="list-style-type: none"> <li>1) Firmware Upgrade by USB &amp; CMS over Network</li> <li>2) Import &amp; Export of Setting Value, Water-Mark, AVI File Backup</li> <li>3) Quick Setup to designate Recording Period</li> <li>4) HDD SMART Info (Model, Capacity, Bad Sector, Temperature, Used Period)</li> <li>5) Warning Alarm for System Over-Temperature</li> <li>6) Help Message for easy setup &amp; Multi-Language support</li> <li>7) Digital Zoom for both Live &amp; VOD mode</li> </ol> |                        |                         |
| POS                                 |                     | Text-in Based (USB to Serial support, TCP/IP Network) / Display POS Data on Live & Playback   |                        |                         |
| System Operation                    |                     | IR Remote Controller, USB Mouse, Keyboard (Option)  |                        |                         |
| Power                               |                     | 12V x 1.5A D/C  | 12V x 1.5A D/C         | 12V x 5A D/C            |
| Operating Temperature and Humidity  |                     | 5~40 °C / 20~90% RH   |                        |                         |
| Dimension (WxDxH)                   |                     | 315 x 240 x 45 mm (1U)  | 315 x 240 x 45 mm (1U) | 385 x 315 x 48 mm (1U)  |
| Certification                       |                     | CE & FCC & KCC & WEEE, RoHS   |                        |                         |