

## H.264 Realtime 4ch Standalone Digital Video Recorder

# HDF1212DV

### Features

Realtime Recording 120fps/100fps

Dynamic Recoding Schedule Functions (Time, Motion, Alarm)

Support Emergency-Recording Key

4ch VideoLoop-Back & 1 VGA, 1 SPOT

4ch Audio Input / 1ch Output (Two-way Audio)

Easy Control interface

: Front Key board / Remote controller / USB Mouse

Support SATA interface 3 HDD / 1 DVDRW (Built-in)

Text-in-Text feature for POS / ATM device

Support DDNS server and Web server (with ActiveX)



### Specifications

| Model                   |                  | HDF1212DV                                                                                                                                         |
|-------------------------|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>[Video]</b>          |                  |                                                                                                                                                   |
| Input                   | Composite        | 4CH, 1.0Vp-p, 75Ω                                                                                                                                 |
|                         | Signal Format    | NTSC / PAL                                                                                                                                        |
| Output                  | Main Monitor     | Composite 1CH BNC, 1CH VGA, 1CH Spot.                                                                                                             |
|                         | Output Level     | Composite 1.0Vp-p , 75Ω                                                                                                                           |
|                         | Signal Format    | NTSC/PAL & VGA                                                                                                                                    |
|                         | Loopback Output  | 4CH BNC 1.0Vp-p, 75Ω                                                                                                                              |
| <b>[Audio]</b>          |                  |                                                                                                                                                   |
| Input & Output          |                  | 4CH RCA type Line input / 1CH RCA type Line output                                                                                                |
| Audio Codec             |                  | ADPCM                                                                                                                                             |
| <b>[Recording]</b>      |                  |                                                                                                                                                   |
| Compression Format      |                  | H.264 Baseline Profile (MPEG4 Part10)                                                                                                             |
| Compression Rate        |                  | 4 Step Selectable                                                                                                                                 |
| Frame Rate (NTSC/PAL)   |                  | D1 : 720x480 / 720x576 MAX.30 / 25fps<br>Half D1 : 720x240 / 720x288 MAX.60 / 50fps<br>CIF : 360x240 / 360x288 MAX.120 / 100fps                   |
| Recording Mode          |                  | Time Continuous / Schedule / Motion / Sensor                                                                                                      |
| Motion Detection        |                  | Each Channel Area selectable                                                                                                                      |
| <b>[Display]</b>        |                  |                                                                                                                                                   |
| Display Rate            |                  | Real time display per camera                                                                                                                      |
| Multiscreen Display     |                  | 1 / 4 / PIP / Digital Zoom / Auto Sequence                                                                                                        |
| <b>[Playback]</b>       |                  |                                                                                                                                                   |
| Display Mode            |                  | 1 / 4                                                                                                                                             |
| Play back Mode          |                  | Normal Playback, Various playback speed (forward and backward)                                                                                    |
| Search Mode             |                  | Archived data Search, Date/time, Calendar, Event                                                                                                  |
| <b>[Event]</b>          |                  |                                                                                                                                                   |
| Sensor Input            |                  | 4 TTL (terminal block NO/NC Programmable)                                                                                                         |
| Alarm Output            |                  | 2 Relay, 2 TTL (terminal block NO/NC Programmable)                                                                                                |
| Pre-alarm Rdcording     |                  | Max. 30 sec                                                                                                                                       |
| Post-alarm Rdcording    |                  | Max. 1 minutes                                                                                                                                    |
| <b>[Language]</b>       |                  |                                                                                                                                                   |
| Multi-Language          |                  | English,Japanese,Chinese,Russian,Korean                                                                                                           |
| <b>[Storage]</b>        |                  |                                                                                                                                                   |
| Internal HDD            | Interface Type   | 1 SATA Internal HDD                                                                                                                               |
|                         | Max HDD Capacity | Support 1T                                                                                                                                        |
|                         | File System      | Own File System                                                                                                                                   |
| Internal ODD            | Interface Type   | 1 SATA type ODD                                                                                                                                   |
| <b>[Backup]</b>         |                  |                                                                                                                                                   |
| Data Exporting          | USB              | USB Memory, Clip copy for Quick Time (MOV)                                                                                                        |
|                         | ODD              | CD-R / CD-RW / DVD-RW *) Built-in type                                                                                                            |
| <b>[Serial port]</b>    |                  |                                                                                                                                                   |
| PTZ Camera control      |                  | 1 RS-485, 1 RS-232                                                                                                                                |
| <b>[Operation]</b>      |                  |                                                                                                                                                   |
| Control Applications    |                  | Via Front Consol Control, USB Mouse, Remote Controller, TCP/IP                                                                                    |
| <b>[Network]</b>        |                  |                                                                                                                                                   |
| Remote Access Interface |                  | Support Same Local Control interface                                                                                                              |
| Remote Access Tool      |                  | ActiveX Base Web Live & Search / CNB CMS Access (Live, Setting, Search, Recoding, ETC.) / Event Alarm Callback, Remote Site System Check with CMS |
| Dynamic IP support      |                  | Yes, with CNB DDNS Server                                                                                                                         |
| Network Interface       |                  | 10/100 base-T Ethernet (RJ-45)                                                                                                                    |
| System Time Sync        |                  | Support Network Time Protocol                                                                                                                     |
| <b>[Other]</b>          |                  |                                                                                                                                                   |
| Power                   |                  | DC 12V, 3.33A, 40W                                                                                                                                |
| Dimensions (WxHxD)mm    |                  | 340 x 67 x 267 (mm)                                                                                                                               |