

## Digital Video Recorder

# AR-4116

- VIDEO INPUT: 16 BNC
- DISPLAY RESOLUTION: 1920 x 1080 (Full HD)
- VIDEO COMPRESSION: H.264
- RECORDING RATE MAX. : 480 / 400 ips @960H
- STORAGE CAPACITY: SATA x4 + eSATA x1
- AUDIO IN/OUT FUNCTIONALITY
- USB PORT: 2 x USB 2.0



## SPECIFICATIONS

| VIDEO                       |                                                                              |
|-----------------------------|------------------------------------------------------------------------------|
| Video Inputs                | 16 BNC                                                                       |
| Loop Outputs                | 16 BNC                                                                       |
| Video Outputs               | 1 HDMI, 1 VGA, 1 SPOT                                                        |
| Display Resolution          | 1920 x 1080, 1440 x 900, 1280 x 1024                                         |
| Digital Zoom                | x2, x3, x4                                                                   |
| RECORDING                   |                                                                              |
| Video Compression           | H.264                                                                        |
| Recording Resolution        | (720/960H)                                                                   |
|                             | CIF : (360/480)x240 (N), (360/480)x288 (P)                                   |
|                             | 2CIF : (720/960)x240 (N), (720/960)x288 (P)                                  |
|                             | D1 : (720/960)x480 (N), (720/960)x576 (P)                                    |
| Frame Rate                  | CIF : 480ips (N), 400ips (P)                                                 |
|                             | 2CIF : 480ips (N), 400ips (P)                                                |
|                             | D1 : 480ips (N), 400ips (P)                                                  |
|                             | 960H: 480ips (N), 400ips (P)                                                 |
| Recording Mode              | Time-Lapse, Event, Pre-Event (up to 30sec), Text-In, Panic                   |
| PLAYBACK                    |                                                                              |
| Performance                 | CIF: 480ips (N), 400ips (P)                                                  |
|                             | 2CIF: 240ips (N), 200ips (P)                                                 |
|                             | D1: 120ips (N), 100ips (P)                                                   |
|                             | D1(960H): 80ips (N), 67ips (P)                                               |
| Search Mode                 | Date/Time, Record Table, Calendar, Event, Motion, Museum, Text-In, Thumbnail |
| Digital Zoom                | x2                                                                           |
| STORAGE                     |                                                                              |
| HDD                         | sata x 4, eSATA x1                                                           |
| Data Export Device          | USB (HDD, FlashDrive)                                                        |
| NETWORK                     |                                                                              |
| Client Connection           | Ethernet (10/100/1000 Mbps) x 1                                              |
| Transmission Speed          | 120 / 100ips @ CIF (NTSC / PAL)                                              |
| Remote Data Export          | Clip-Player, AVI, JPG, BMP                                                   |
| Event Notification          | Email (with Clip(.ccf)/JPEG), Remote S/W, SNS                                |
| Two-way Audio               | Support                                                                      |
| Client Viewer               | IDIS Center, IDIS Mobile, IDIS Web                                           |
| INTERFACE                   |                                                                              |
| Audio In/ Out               | 4 RCA / 1 RCA + 1 HDMI                                                       |
| Alarm In / Out              | 16 In / 2 Relay Out                                                          |
| Alarm Reset In              | 1                                                                            |
| Serial Interface            | RS232 x 1, RS485 x 1                                                         |
| User Interface              | Mouse, IR Remote Control, Front Button, Network Keyboard                     |
| GENERAL                     |                                                                              |
| Operating System            | Embedded Linux                                                               |
| UNIT Dimensions (W x H x D) | 430mm x 88mm x 400mm (16.9' x 3.5' x 15.7')                                  |
| Unit Weight                 | 7.28kg (16.05lb)                                                             |
| Working Temperature         | 5C ~ 40C (41F ~ 104F)                                                        |
| Operating Humidity          | 0% ~ 90%                                                                     |
| Power Input                 | 100-240 VAC, 1.2 ~ 0.6A, 50/60Hz, 75W                                        |
| Power Consumption           | 75W                                                                          |
| Approvals                   | FCC, UL, CB, CE                                                              |