



# TOTALITY SOLUTIONS

Powered by **Direct IP™**

# NETWORK VIDEO RECORDERS

| Model Name          | DR-2100P Series                                                                   |                                                             |                                                             | DR-4100P Series                                                                     |                         |                         | DR-6100P Series                                                                     |                         |                         |
|---------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------|-------------------------|-------------------------------------------------------------------------------------|-------------------------|-------------------------|
|                     | DR-2104P                                                                          | DR-2108P                                                    | DR-2116P                                                    | DR-4108P                                                                            | DR-4116P                | DR-4132P                | DR-6108P                                                                            | DR-6116P                | DR-6132P                |
|                     |  |                                                             |                                                             |  |                         |                         |  |                         |                         |
| VIDEO               |                                                                                   |                                                             |                                                             |                                                                                     |                         |                         |                                                                                     |                         |                         |
| IP Camera Input     | 4 ch                                                                              | 8 ch                                                        | 16 ch                                                       | 8 ch                                                                                | 16 ch                   | 32 ch                   | 8ch                                                                                 | 16ch                    | 32ch                    |
| Support Camera      | DirectIP™, AXIS, PANASONIC, ONVIF™                                                |                                                             |                                                             | DirectIP™, AXIS, PANASONIC, ONVIF™                                                  |                         |                         | DirectIP™, AXIS, PANASONIC, ONVIF™                                                  |                         |                         |
| Video Outputs       | 1 HDMI, 1 VGA out                                                                 |                                                             |                                                             | 1 HDMI, 1 VGA out                                                                   |                         |                         | 1 HDMI, 1 VGA out                                                                   |                         |                         |
| Display Resolution  | 1920x1200, 1920x1080, 1680x1050, 1600x1200                                        |                                                             |                                                             | 1920x1200, 1920x1080, 1680x1050, 1600x1200                                          |                         |                         | 1920x1200, 1920x1080, 1680x1050, 1600x1200                                          |                         |                         |
| Display Speed       | Up to 120ips                                                                      | Up to 240ips                                                | Up to 240ips                                                | Up to 240ips                                                                        | Up to 480ips            | Up to 480ips            | Up to 240ips                                                                        | Up to 480ips            | Up to 480ips            |
| RECORDING           |                                                                                   |                                                             |                                                             |                                                                                     |                         |                         |                                                                                     |                         |                         |
| Max. Throughput     | 32Mbps, 120ips@Full HD                                                            | 64Mbps, 240ips@Full HD                                      | 64Mbps, 240ips@Full HD                                      | 80Mbps, 240ips@Full HD                                                              | 130Mbps, 240ips@Full HD | 160Mbps, 320ips@Full HD | 80Mbps, 240ips@Full HD                                                              | 160Mbps, 480ips@Full HD | 230Mbps, 480ips@Full HD |
| Compression         | H.264                                                                             |                                                             |                                                             | H.264                                                                               |                         |                         | H.264                                                                               |                         |                         |
| Recording Mode      | Time-Lapse, Event, Pre-Event, Panic Record                                        |                                                             |                                                             | Time-Lapse, Event, Pre-Event, Panic Record                                          |                         |                         | Time-Lapse, Event, Pre-Event, Panic Record                                          |                         |                         |
| PLAYBACK            |                                                                                   |                                                             |                                                             |                                                                                     |                         |                         |                                                                                     |                         |                         |
| Performance         | 4 HD synchronous Playback                                                         |                                                             |                                                             | 4 FHD synchronous Playback                                                          |                         |                         | 4 FHD synchronous Playback                                                          |                         |                         |
| Search Mode         | Time-Lapse, Eventlog, Motion, Text-in                                             |                                                             |                                                             | Time-Lapse, Eventlog, Motion, Text-in                                               |                         |                         | Time-Lapse, Eventlog, Motion, Text-in                                               |                         |                         |
| STORAGE             |                                                                                   |                                                             |                                                             |                                                                                     |                         |                         |                                                                                     |                         |                         |
| HDD                 | SATA x2                                                                           |                                                             |                                                             | SATA x4, eSATA x2                                                                   |                         |                         | SATA x6, eSATA x4                                                                   |                         |                         |
| Total Capacity      | 6TB=3TB x 2                                                                       |                                                             |                                                             | 36TB=3TB x (4 + 2x4)                                                                |                         |                         | 66TB=3TB x (6 + 4x4)                                                                |                         |                         |
| NETWORK             |                                                                                   |                                                             |                                                             |                                                                                     |                         |                         |                                                                                     |                         |                         |
| Client Connection   | 1 x RJ45(10/100/1000 BASE-T)                                                      |                                                             |                                                             | 1 x RJ45(10/100/1000 BASE-T)                                                        |                         |                         | 1 x RJ45(10/100/1000 BASE-T)                                                        |                         |                         |
| Video in Connection | 4 x RJ45<br>(10/100 BASE-T)                                                       | 8 x RJ45(10/100BASE-T)<br>+ 1 x RJ45(10/100/1000<br>BASE-T) | 8 x RJ45(10/100BASE-T)<br>+ 1 x RJ45(10/100/1000<br>BASE-T) | 9 x RJ45(10/100/1000 BASE-T)                                                        |                         |                         | 9 x RJ45(10/100/1000 BASE-T)                                                        |                         |                         |
| Transmission Speed  | 20Mbps                                                                            |                                                             |                                                             | 20Mbps                                                                              |                         |                         | 20Mbps                                                                              |                         |                         |
| Remote Software     | IDIS Center, IDIS Mobile, IDIS Web                                                |                                                             |                                                             | IDIS Center, IDIS Mobile, IDIS Web                                                  |                         |                         | IDIS Center, IDIS Mobile, IDIS Web                                                  |                         |                         |
| INTERFACE           |                                                                                   |                                                             |                                                             |                                                                                     |                         |                         |                                                                                     |                         |                         |
| Audio In / Out      | no / 1 RCA + 1 HDMI                                                               |                                                             |                                                             | 1 RCA / 1 RCA + 1 HDMI                                                              |                         |                         | 1 RCA / 1 RCA + 1 HDMI                                                              |                         |                         |
| Alarm In / Out      | 4 / 1                                                                             |                                                             |                                                             | 4 / 1                                                                               |                         |                         | 4 / 1                                                                               |                         |                         |
| Alarm Reset In      | no                                                                                |                                                             |                                                             | 1                                                                                   |                         |                         | 1                                                                                   |                         |                         |
| Serial Interface    | RS232, USB2.0 x2                                                                  |                                                             |                                                             | RS232, RS485, USB2.0 x2                                                             |                         |                         | RS232, RS485, USB2.0 x2                                                             |                         |                         |
| GENERAL             |                                                                                   |                                                             |                                                             |                                                                                     |                         |                         |                                                                                     |                         |                         |
| Operating System    | Embedded Linux                                                                    |                                                             |                                                             | Embedded Linux                                                                      |                         |                         | Embedded Linux                                                                      |                         |                         |
| Power Input         | DC 12V , 2.0A(For NVR), DC 48V, 1.0A(For PSE)                                     |                                                             |                                                             | AC 100-240 V~, 50/60Hz, 3.0 ~ 1.5A                                                  |                         |                         | AC 100-240 V~, 50/60Hz, 3.0 ~ 1.5A                                                  |                         |                         |
| Power Consumption   | Max. 24W(For NVR), Max. 48W(For PSE)                                              |                                                             |                                                             | Max. 200W                                                                           |                         |                         | Max. 200W                                                                           |                         |                         |
| PSE Channel         | 4ch<br>(IEEE802.3at supported)                                                    | 8ch<br>(IEEE802.3at supported)                              | 8ch<br>(IEEE802.3at supported)                              | 8ch(IEEE802.3at supported)                                                          |                         |                         | 8ch(IEEE802.3at supported)                                                          |                         |                         |
| PSE Budget          | 50W                                                                               |                                                             |                                                             | 120W                                                                                |                         |                         | 120W                                                                                |                         |                         |
| Approvals           | FCC, CE, KC                                                                       |                                                             |                                                             | FCC, UL, CE, CB, KC                                                                 |                         |                         | FCC, UL, CE, CB, KC                                                                 |                         |                         |