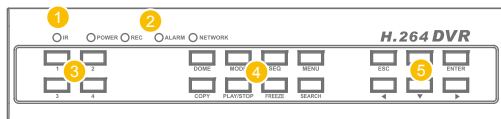


H.264 DVR

network DynaGuard™ L80 II Series

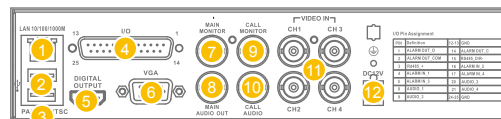


Front Panel



- ① IR
- ② LEDs
- ③ Channel Keys
- ④ Function Keys
- ⑤ Direction Keys

Rear Panel



- ① LAN 10/100/1000 Mbps (RJ-45)
- ② USB 2.0 Ports
- ③ NTSC / PAL Switch
- ④ Alarm I/O & Audio Input & RS-485 (D-SUB)
- ⑤ Digital Display Output*
- ⑥ VGA Port
- ⑦ Main Monitor Output (BNC)
- ⑧ Main Audio Output
- ⑨ Call Monitor Output (BNC)
- ⑩ Call Audio Output
- ⑪ Video Input
- ⑫ Power Jack

Features

Advanced Functions

- H.264 compression
- NEW • Support Full HD 1080p output
- Quadplex operation
- NEW • User management
- Per channel configuration
- NTP support for time synchronization
- Motion detection marker
- Up to 2 internal SATA HDDs
- NEW • 4/8/16CH audio recording
- NEW • Mobile phone support: iPhone, Android, Blackberry
- DynaRemote™ for remote monitoring
- DynaGuard™ CMS for video management
- NEW • Dual streaming
- Support VBR/CBR recording modes

Humane Technology

- GUI
- USB mouse*
- Control keyboard*
- IR remote control

Note: Items marked with an asterisk (*) are optional

Specification

| Item | L84 II | L88 II | L86 II | L86T |
|-------------------------------|---|---|-------------------------------|---|
| Video | | | | |
| Operation System | Embedded (Linux) | | | |
| Display Resolution | Up to 1024 x 768 pixels | | | Up to 1920 x 1080 pixels |
| Input | BNC × 4, 1.0 Vp-p, 75 ohm | BNC × 8, 1.0 Vp-p, 75 ohm | BNC × 16, 1.0 Vp-p, 75 ohm | |
| Main Outputs | Digital Display Output; <i>optional</i> | 1024 x 768, 1280 x 960, 1280 x 1024, 1920 x 1080 pixels | | 1280 x 1024, 1440 x 960, 1920 x 1080p pixels |
| | VGA | 1024 x 768, 1280 x 960, 1280 x 1024, 1920 x 1080 pixels | | 1280 x 1024, 1440 x 960, 1920 x 1080p pixels |
| Call Monitor | BNC × 1, 1.0 Vp-p, 75 ohm | | | |
| Picture Refresh Rate | NTSC: 30 pps/per CH, PAL: 25 pps/per CH | | | NTSC: 60 pps/per CH, PAL: 50 pps/per CH |
| Audio | | | | |
| Input | D-SUB × 4, Line-In | | D-SUB × 8, Line-In | D-SUB × 16, Line-In |
| Output | Main Audio | RCA × 1, Line-Out | | |
| | Call Audio | RCA × 1, Line-Out | | |
| Compression Method | Proprietary | | | |
| Data Rate | 8 KB/s, per CH | | | |
| Recording | | | | |
| Compression Method | H.264 | | | |
| Recording Mode | Schedule, Alarm, Motion Detection | | | |
| Pre-alarm | Yes | | | |
| Recording Resolution & Rate | NTSC 720 × 480 | Max 60 pps | Max 60 pps | Max 120 pps |
| | 720 × 240 | Max 120 pps | Max 120 pps | Max 240 pps |
| | 360 × 240 | Max 120 pps | Max 240 pps | Max 480 pps |
| | PAL 720 × 576 | Max 50 pps | Max 50 pps | Max 100 pps |
| | 720 × 288 | Max 100 pps | Max 100 pps | Max 200 pps |
| | 360 × 288 | Max 100 pps | Max 200 pps | Max 400 pps |
| Recording Quality | 8 Levels Presets, Adjustable | | | |
| Image Size | 1 KB to 22 KB/Picture | | | |
| Storage Mode | Linear / Circular | | | |
| Data Lifetime | Yes, Programmable | | | |
| Storage | | | | |
| Built-in Storage Interface | × 2 SATA for HDD and DVD+RW | | × 4 SATA for HDD and DVD+RW | |
| Cartridge / DVD+RW | Optional | | | |
| Export | × 2 USB 2.0 Ports, Support ThumbDrive and DVD+RW | | | × 1 USB 2.0 Port, × 1 USB 1.1 Port, Support ThumbDrive, and DVD+RW |
| Alarm | | | | |
| Alarm Input | × 4, D-SUB (TTL) | × 8, D-SUB (TTL) | × 16, D-SUB (TTL) | |
| Alarm Relay Output | × 1 D-SUB, 1.0A / 30 VDC or 1.0A / 120 VAC | | | |
| Alarm Detection | N.C. / N.O., Programmable | | | |
| Motion Detection | 15 × 15 Grid Array, Sensitivity, Trigger level adjustable | | | 16 × 12 Grid Array, Sensitivity, Trigger level adjustable |
| Video Loss Detection | Programmable | | | |
| Communication | | | | |
| Network Connectivity | RJ-45, 10/100/1000 Mbps Ethernet, Supports PPPoE/ DDNS/ DHCP | | | |
| Remote Control Software | DynaGuard™ CMS, DynaRemote™① | | | |
| Remote Operation | Monitoring, Playback, Recording, System setup, Dome camera control, Archiving | | | |
| RS-485 | D-SUB | | | |
| IR Remote | Yes | | | |
| Dome Camera Control Protocol | DSCP, Pelco P, Pelco D, AD422, Fastra× 2, Panasonic, JVC | | | |
| General | | | | |
| Unit Dimension (W × H × D) | 300 × 55 × 180 mm (11.8 × 2.2 × 7.1 inches) | | | |
| Unit Weight | 1.5 Kg (3.4 lbs) | | | |
| Package Dimension (W × H × D) | 393 × 139 × 358 mm (15.5 × 5.5 × 14.1 inches) | | | |
| Package Weight | 2.5 Kg (5.6 lbs) | | | |
| Operation Temperature | 0 °C ~ 40 °C (32 °F ~ 104 °F) | | | |
| Relative Humidity | 10% ~ 90%, Non-condensing | | | |
| Power Consumption & Input | AC 100 ~ 240V, 50-60 Hz, 60W adaptor | | | |

Product specification and availability subject to change without notice. Certain product names mentioned herein may be trade names and / or registered trademarks of their companies.

Remark ①: DynaRemote™ Software Requirements:

Windows 2000, XP or Vista, Intel® Pentium® M 1.40GHz or faster, 512 MB RAM (1 GB RAM or above is recommended), Microsoft® Internet Explorer 6.0 SP2, LAN or Internet connection.