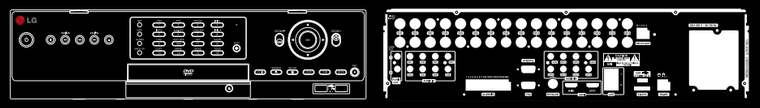
## SPECIFICATION

| Model | | | LRH7160D | LRH7080D |
|---|---|---|---|---|
| Video | Input | Analog Camera | 16ea | 8ea |
| | | IP Camera | 4CIF camera 8ea<br>• Analog-IP Switch condition<br>- Basic : Analog 16ch + IP 8ch/4CIF<br>- Minimum Analog Video Input : 8ea<br>- IP Camera Input : (Min) 8ea/4CIF, (Max) 16ea/4CIF<br>• Max. Resolution<br>- Up-to 3Mega-pixel | 4CIF camera 8ea<br>• Analog-IP Switch condition<br>- Basic : Analog 8ch + IP 8ch/4CIF<br>- Minimum Analog Video Input : 4ea<br>- IP Camera Input : (Min) 8ea/4CIF, (Max) 12ea/4CIF<br>• Max. Resolution<br>- Up-to 3Mega-pixel |
| | Output | Loop Through | Composit 16ea | Composite 8ea |
| | | VGA \| HDMI | 1ea \| 1ea | |
| | | Spot | Composite 1ea, HDMI 1ea | |
| Audio | Input | | 16ea | 8ea |
| | Output | | 2ea (Live/Playback, Two-way audio) | |
| Alarm | Input | | 16ea | 8ea |
| | Output | | 4ea | 2ea |
| | Notification to remote PC | | Yes | |
| Recording | Frame Rate (/sec) NTSC | | 480 fps @ CIF | 240 fps @ CIF |
| | | | 480 fps @ 2CIF | 240 fps @2CIF |
| | | | 480 fps @ 4CIF | 240 fps @ 4CIF |
| | Frame Rate (/sec) PAL | | 400 fps @ CIF | 200 fps @ CIF |
| | | | 400 fps @ 2CIF | 200 fps @ 2CIF |
| | | | 400 fps @ 4CIF | 200 fps @ 4CIF |
| | Quality Level \| Recording Mode | | 5 Levels \| Continuous, Alarm, Motion, Instant, Panic, Text | |
| Search | Playback Function | | FF / FB / Frame Advance / Go to First / Go to Last | |
| | Search Mode | | Calendar, Date/Time, Event (Motion, Alarm), Bookmark, Smart, Instant, Text | |
| Display | Resolution | | 1,024x768 / 1,280 x 720 / 1,280 x 1,024 / 1,920 x 1,080 | |
| | Division Mode | | 1, 4, 1+5, 1+7, 9, 16, 1+16, 25 | 1, 4, 1+5, 1+7, 9, 16 |
| Storage | Internal HDD | Interface Type | SATA | |
| | | Max. Capacity | 6 HDDs (up to 2TB per HDD) | |
| | External HDD | Interface Type | e-SATA | |
| | Internal ODD | | Yes | |
| Backup | Backup Interface | | 3 x USB 2.0, 1 x e-SATA, Network (Export Only) | |
| | Supportable Device | | Internal ODD, USB HDD, e-SATA HDD, USB Memory, Remote S/W (Export Only) | |
| Serial Interface | PTZ Control | | RS-485 (x2) | |
| | ATM / POS | | RS-232C (D-SUB9) | |
| Network | Network Connection | | 10/100/1,000 ethernet 2ea | |
| | Network Transmission Speed | NTSC | up to 240fps/CIF | up to 120fps/CIF |
| | | PAL | up to 200fps/CIF | up to 100fps/CIF |
| | NTP (Network Time Protocol) | | Yes | |
| | Bandwidth Control | | Yes | |
| Security | User Level Management | | Yes | |
| | Data Integrity Check (Watermark) | | Yes | |
| Power Source | | | AC Free 100 ~ 240V, 50/60Hz | |
| Operating Temperature / Humidity | | | 0°C ~ 40°C / 0% ~ 80%RH | |
| Net Weight (w/o HDD) kg | | | 9.68 | 9.59 |
| Dimension (W x D x H) mm | | | 440 x 452 x 115 | |

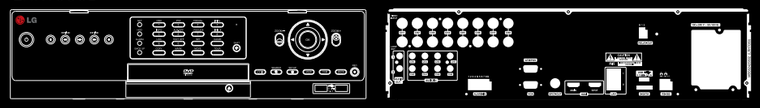
• Exact products and specifications shown may vary by geographic region and are subject to change without notice. Actual products may differ from the images appearing in the catalog.

## DIMENSION (Unit : mm)

LRH7160D



LRH7080D



## FEATURES

- Hybrid Video Input Processing
  - LRH7160D : IP Camera Max 16ch Support
  - LRH7080D : IP Camera Max 12ch Support
- Small Files Sizes by H.264 Compression
- Various Recording Resolutions (4CIF, 2CIF, CIF)
- Real-Time Recording @ 4CIF
- 2-Way Audio Support
- Multi-Languages Selectable
- Time and Date Sync from NTP Server
- Multiplex (Live/Playback, Recording, Backup, Networking)
- Automatic Backup by Schedule
- Health Check (HDD)
- e-SATA for Quick and Easy Archiving
- Dynamic IP Support for DDNS / DHCP
- ATM / POS Linkage

**HOME ENTERTAINMENT COMPANY**
**SECURITY OVERSEAS MARKETING TEAM**

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The eco-friendly label is attached to those products which have passed LG Electronics' rigorous environmental criteria that evaluate 6 hazardous materials (lead, mercury, cadmium, etc.)

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| 2012 September Version |

MEGAPIXEL HYBRID DVR

# PERFECT MONITORING THROUGH FULL HD DISPLAY!

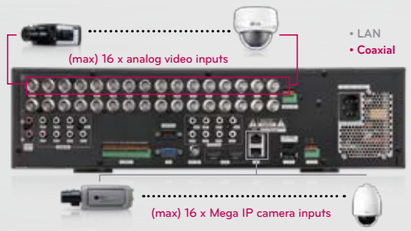
A PREMIER CHOICE AWAITS YOU.

LG Life's Good

## MEGAPIXEL HYBRID DVR

Megapixel Hybrid DVR

Now, an analog camera and a mega IP camera can be installed allowing images to be stored together.
Using the same VMS (Video Management Suite) and client software, you can view the images displayed by the installed IP camera and analog camera.




## EASY STORAGE INSTALLATION / REPLACEMENT

Easy Storage Installation

The internal hard disk (6HDD x 2TB) can be easily installed and removed from the DVR front panel.

## HIGH-DEFINITION DISPLAY, HDMI

HD 1920 x 1080 HDMI

A full HD display (19,20 x 1,080) is enabled. HD images can be reproduced with the HDMI support for HD display.

## COAXIAL COMMUNICATION

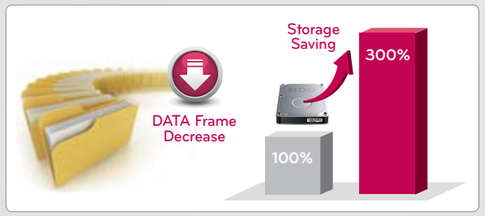
Coaxial Communication

Using coaxial communication, you can control the camera connected to the DVR with composite signals without connecting it with the RS-485 communication cable.

## EFFICIENT STORAGE MANAGEMENT : STORAGE SAVING TECHNOLOGY

Efficient Storage Management

The technology enables a more efficient use of DVR HDD capacity by reducing old data frames.




## MOBILE MONITORING (IPHONE, IPAD, ANDROID)

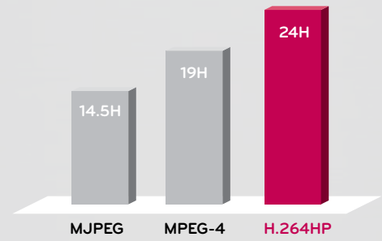
Mobile Monitoring

The user can use a smartphone and monitor DVR security images anytime, anywhere in real time.

## H.264 COMPRESSION

H.264

It uses the latest image compression method H.264 HP, enabling the transmission of quality images better than the existing method can.




The Best Performance, High-Efficiency Compression Technology and Even Support for Coaxial Communication:
NOW, LG DVR IS YOUR BEST CHOICE.

# CONVENIENT AND EASY INSTALLATION FOR USERS

## LRH7160D/LRH7080D

Megapixel Hybrid DVR

MEGAPIXEL HYBRID DVR _ **LRH7160D / LRH7080D**