

16-Ch Hybrid Digital Video Recorder

HDVR-1600



www.neteon.net



- **Product Overview**
- Product Features
- **Application**
- Comparison



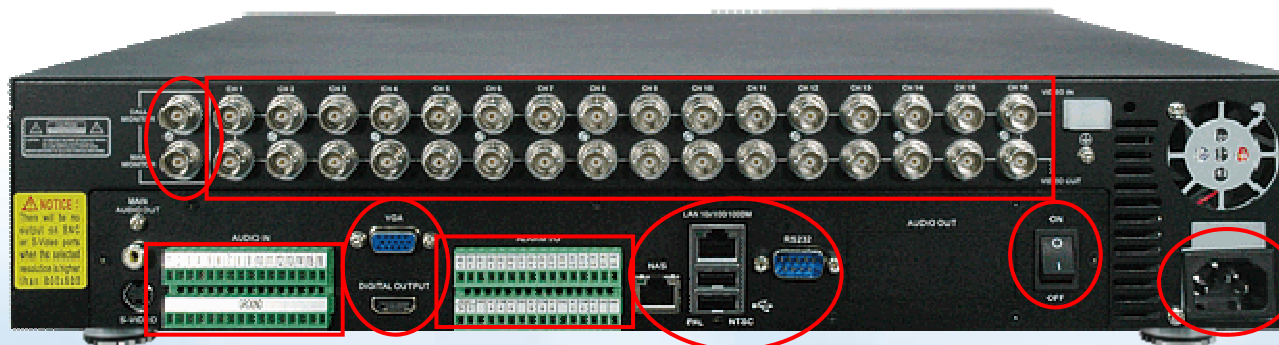
- **Front View and Keypad Function**

- ✓ USB 2.0 Port
- ✓ Channels Button / LED
- ✓ Status LED (Power/Network/Alarm/Record/HDD)
- ✓ Control Buttons
- ✓ Play / Stop / Rew / FF Buttons
- ✓ Removable HDD
- ✓ DVD-RW



- **Rear/Side/Bottom View and Parts Definition**

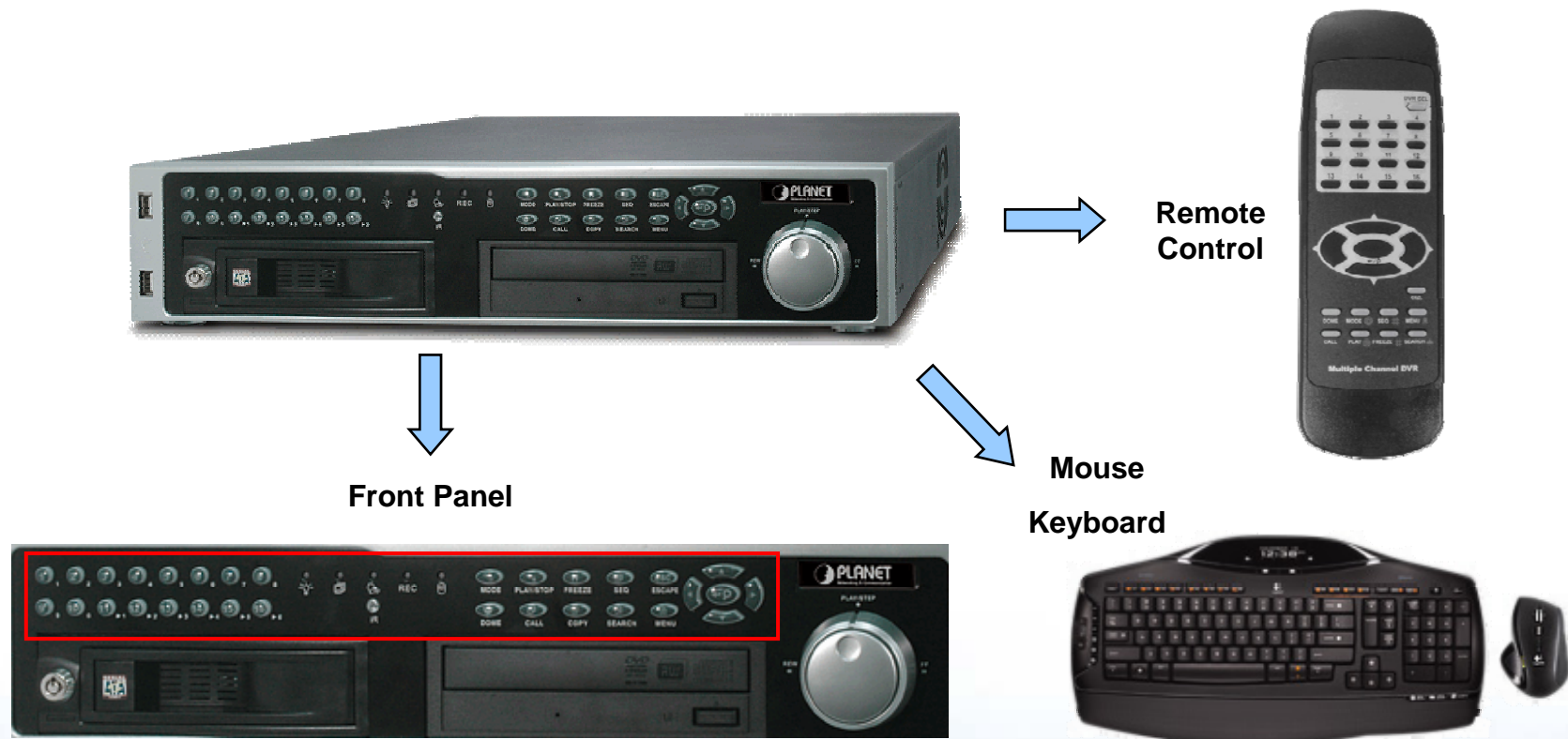
- ✓ Main / Call Monitor (BNC)
- ✓ Video In / Out (BNC)
- ✓ Audio In
- ✓ Main Monitor (VGA/Digital)
- ✓ Alarm I/O & RS-485 for PTZ Control
- ✓ LAN / USB 2.0 / RS232
- ✓ Power Switch / Jack



- ✓ Multi-Codec for **H.264** / MPEG-4 / MJPEG compression
- ✓ **D1** Recording Resolution
- ✓ Integrated **Gigabit** Ethernet
- ✓ **NTSC / PAL** Video System switch selectable
- ✓ Multiple video output ports
- ✓ Supports up to **4 SATA** devices (up to 1TB per HDD)
- ✓ NTP (Network Time Protocol) for time synchronization
- ✓ Easy configuration interface with **USB** Keyboard / Mouse
- ✓ **Multi-Tasking**: Recording, Display, Backup, Playback

- ✓ CMS manage up to **512** Channels
- ✓ Calendar, Time and Event search
- ✓ Provides **VGA / Digital** output connector
- ✓ **DVD-RW** and **USB** device backup
- ✓ Removable HDD backup
- ✓ Support **multiple languages** OSD (English / Japanese / German / French / Italian / Spanish / Portuguese / Dutch / Norwegian / Swedish / Dansk / Russian / Slovak / Hungarian / Bulgarian / Turkish / Traditional Chinese / Simplified Chinese)

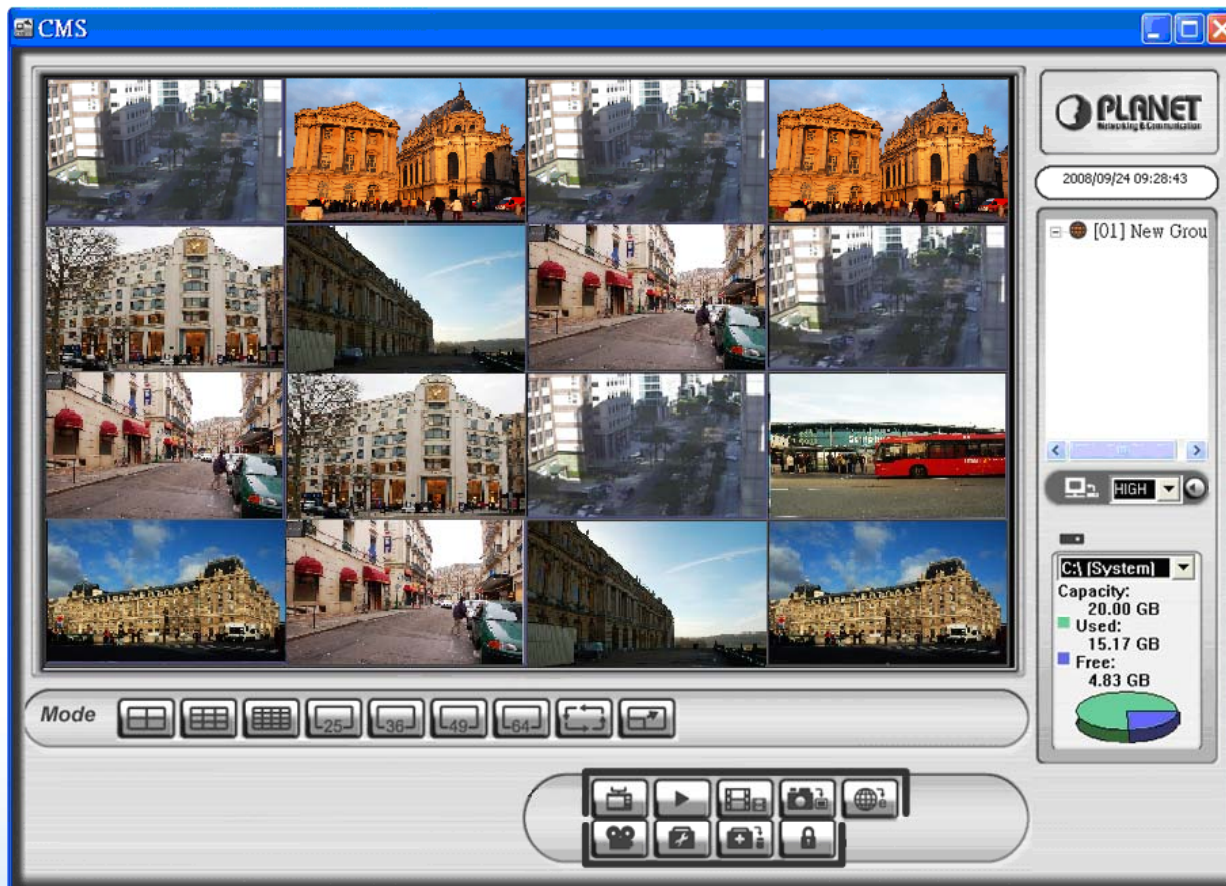
- Easy Operation Interface



- Various Backup Device



- Convenient Management Interface



Web Remote
Configure



HDVR-1600

Central
Management
System

Up to 512 channels

- Central Management System *Up to 32 sites / 512 channels*

The screenshot displays the CMS 3.4.1 Release Version interface. The main area is a grid of video feeds from various locations. The sidebar on the right lists the following sites:

- [01] SecurityRoom
- [01] HQ-DVR
- [02] Warehouse
- [03] Branch-1
- [04] Branch-2

Below the site list is a storage status panel for C:\ (OS) showing:

- Capacity: 20.00 GB
- Used: 12.30 GB
- Free: 7.70 GB

A pie chart visualizes the storage usage. At the bottom, there is a 'Mode' section with icons for different camera views and resolutions (25, 36, 49, 64).

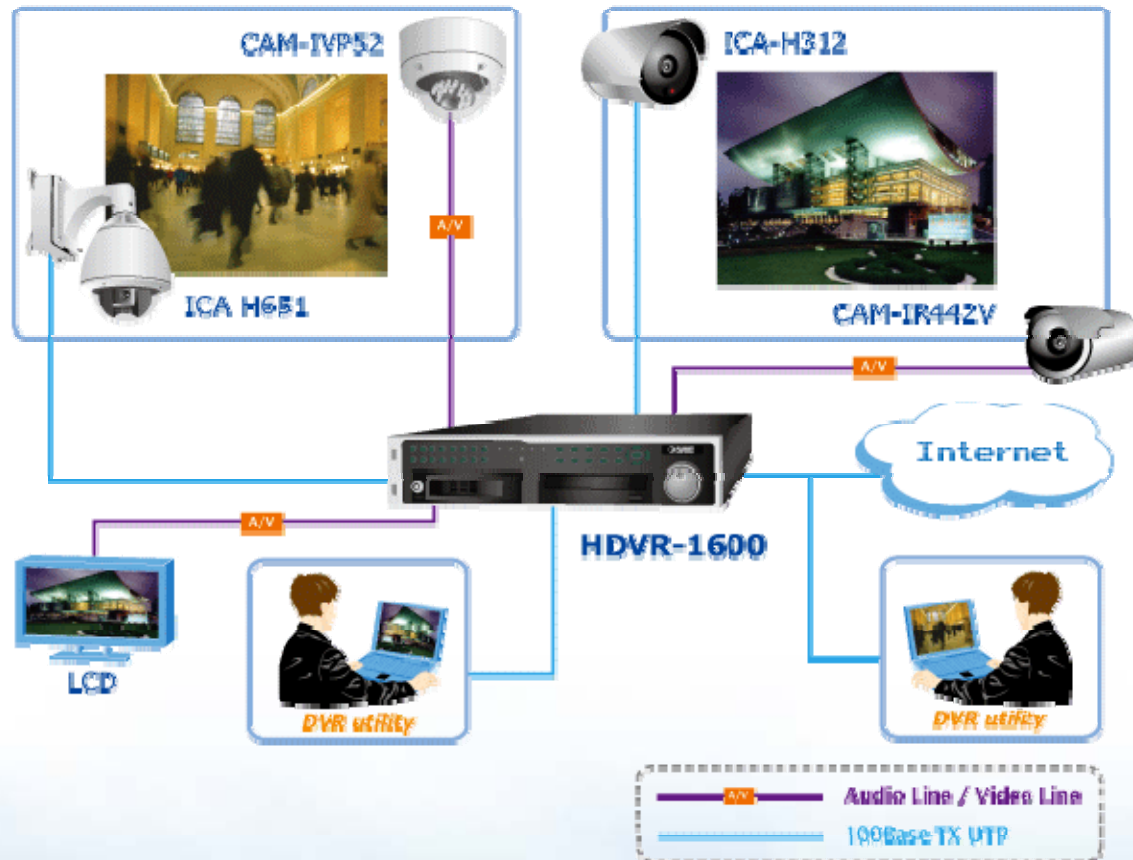
Branch-2

Branch-1

Warehouse

HQ DVR

- **Application Topology**
 - HDVR-1600 can support **analog** and **IP cameras** simultaneously, and transfer the traditional CCTV surveillance system into IP surveillance network.



- The HDVR-1600 can be deployed anywhere indoor or outdoor to monitor the environment both in day and night. With the bundled **HDVR utility-CMS**, the manager can easily check and play back the video captured in the system.

- **Related IP Camera:**

- Desktop Type

- ✓ ICA-107 series / ICA-108 series / ICA-150W / ICA-151

- Box Type

- ✓ ICA-120 / ICA-750

- IR Bullet Type

- ✓ ICA-310 / ICA-312 / ICA-H312 / ICA-350

- PT / Fixed / Speed Dome Type

- ✓ ICA-230 / ICA-M220 series / ICA-M230 / ICA-HM230

- ✓ ICA-501 / ICA-525 / ICA-530 / ICA-550W

- ✓ ICA-601 / ICA-651 / ICA-H651

◆ Related Products:

■ PLANET Digital Video Recorder

- ✓ **NVR-401** 4-CH Network Video Recorder
- ✓ **DVR-471** 4-channel H.264 Digital Video Recorder
- ✓ **DVR-860** 8-channel MPEG-4 Digital Video Recorder
- ✓ **DVR-1671** 16-channel H.264 Digital Video Recorder

◆ H.264 – Picture Size

■ Get 66% More HDD Space

H.264 VS MPEG-4						
NTSC	720 X 480		720 x 240		360 X 240	
PAL	720 X 576		720 x 288		352 X 288	
COMPRESSION	H.264	MPEG-4	H.264	MPEG-4	H.264	MPEG-4
Best	22 KB	38 KB	12 KB	25 KB	5 KB	15 KB
High	18 KB	30 KB	10 KB	20 KB	4 KB	12 KB
Mid	14 KB	22 KB	8 KB	15 KB	3 KB	9 KB
Fair	10 KB	14 KB	6 KB	10 KB	2 KB	6 KB
Low	6 KB	6 KB	4 KB	5 KB	1 KB	3 KB