



New H.264 Real Time standalone DVR Series  
**PHR04/PHR08/PHR16**

# Multifunctional Premium H.264 Real Time DVR Series (PHR04, PHR08, PHR16)

## Product



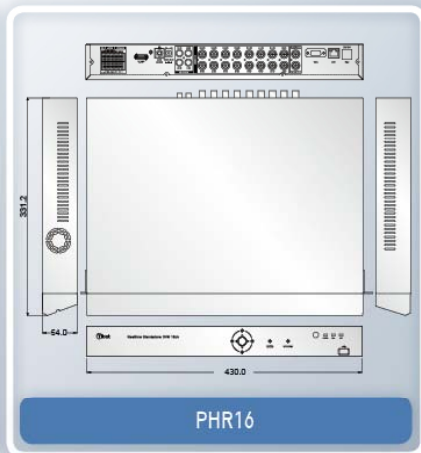
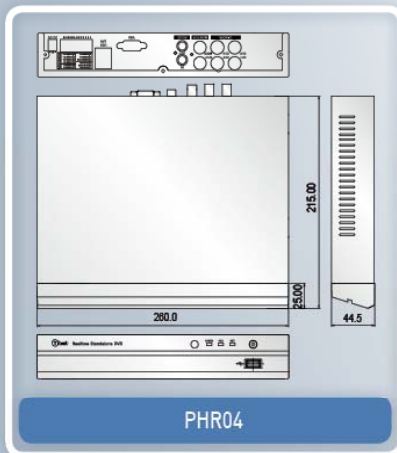
## Features



- Triplex (Live Display, Recording, Network)
- H.264 Hardware Compression (High Quality Video)
- Embedded Linux Operating System
- Simultaneous Monitoring via Composite, VGA
- Real Time recording
- Backup and Firmware Update by USB drive
- Multiple Screen Division (1/4/9/16/PIP/1+12)

- Individual Resolution & Frame setting
- Easy to Use and convenient GUI Interface
- Fast operation by Mouse and Remote controller
- Network : Dynamic & Static IP Supported
- Event Recording : Motion detection and Sensor
- Bandwidth Control with Dual Streaming
- Web Browser Remote and Mobile access

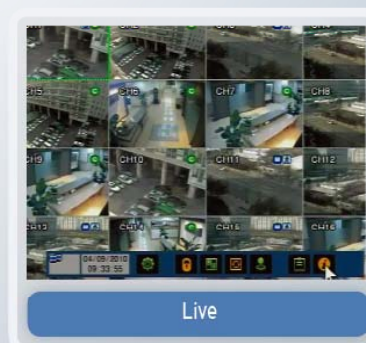
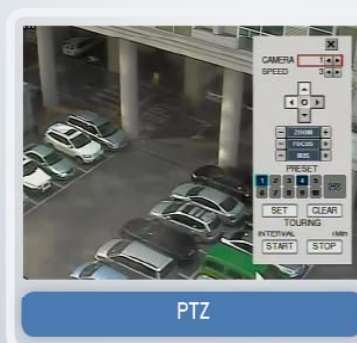
## Dimensions(mm)



• Specification

SPECIFICATION	PHR04	PHR08	PHR16
OPERATING SYSTEM	Embedded Linux		
COMPRESSION	H.264 Hardware Codec		
RECORDING RESOLUTION	D1, Half D1, CIF		
DISPLAY SPEED	120 FPS @ CIF (NTSC), 100 FPS @ CIF (PAL)	240 FPS @ CIF (NTSC), 200 FPS @ CIF (PAL)	480 FPS @ CIF (NTSC), 400 FPS @ CIF (PAL)
RECORDING SPEED	120 FPS @ CIF (NTSC), 100 FPS @ CIF (PAL)	240 FPS @ CIF (NTSC), 200 FPS @ CIF (PAL)	480 FPS @ CIF (NTSC), 400 FPS @ CIF (PAL)
VIDEO INPUT	4CH BNC	8CH BNC	16CH BNC
VIDEO OUTPUT	2 BNC Composite (Monitor, Spot), 1 VGA		
SENSOR INPUT	4 (NC/NO Selectable)		8 (NC/NO Selectable)
ALARM OUTPUT	1 Relay (NC/NO Selectable)		4 Relay (NC/NO Selectable)
AUDIO INPUT / OUTPUT	1CH / 1CH	4CH / 1CH	
SCREEN DIVISION	1,4,PIP	1,4,1+5,1+7,PIP	1,4,9,16,1+12,PIP
STORAGE	Internal: 1x SATA		Internal: 2x SATA External: e-SATA for recording
BACKUP	USB memory, Network, External DVD-RW		
OPERATION CONTROL	Mouse, Remote Controller		Mouse, Front Key, Remote controller
COMMUNICATION PORT	RS-485 for PTZ control, Full Duplex		
NETWORK CONNECTION	Ethernet 10/100		Ethernet10/100/1000
NETWORK PROTOCOL	ADSL, VDSL, DHCP, DDNS, NTP		
NETWORK TRANSMISSION	Bandwidth Control (VBR, CBR), Dual Streaming		
CLIENT	Web Client, CMS, 3GPP Access by web browser		
DIMENSION	260.0(W)X215.0(D)X44.5(H)	260.0(W)X215.0(D)X44.5(H)	430.0(W)X330.0(D)X54.0(H)

• GUI



● Key Features



01

**External SATA Connector**

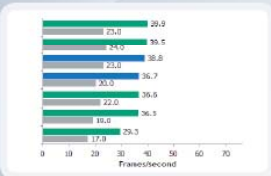
External Serial ATA connector provides high-bandwidth connection to an external SATA hard disk drive for expanded storage space for Digital Video recording.



02

**Individual Network Bandwidth Control (VBR / CBR )**

Provide frequent frame display with remote access by dual streaming by this feature, network have independent frame and image quality. To secure high image quality, VBR ( Variable Bit Rate ) can be selected to get fast transmission speed, CBR (Constant Bit Rate) can be selected.



03

**Individual recording resolution & frame rate setting**

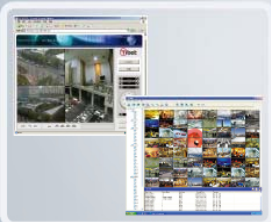
Allows both resolution and frame rate setting for each channel individually.



04

**Real Time recording at CIF on each channel**

Provide real live recording playback for each channel.



05

**Remote network monitoring by internet explorer and CMS**

Allows access PHR series for live, playback and setting configuration through internet connection. Web based access have various functions: live, playback, setup configuration, PTZ control and backup.

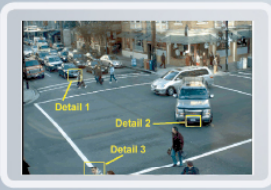
CMS (Central Monitoring System) is supported to access multiple PHR Series.



06

**Mobile phone Surveillance**

Anytime and anywhere, you can access PHR series from your mobile device. Support Windows Mobile smart phone and all of 3G networks phone what have web browser (iPhone, Black berry and other 3G phone)



07

**HD Surveillance support**

Provide superior digital video by High Definition video output.

