



## DHU600 Omni Series

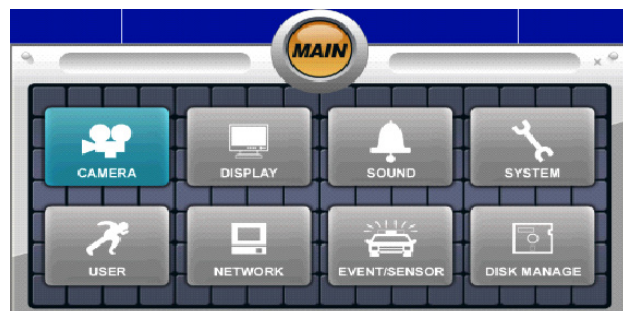
### Digital Video Recorder 4-8-16 Channel, H.264 Compression, 480-240 FPS Live-Record, DVI Video, APF



#### • Features:

- H.264 video compression
- 480/240fps Live/Record
- DVI direct digital output, HDMI compatible, VGA, composite
- Auto port forwarding (APF) easy setup
- Smartphone & PDA supported (iPhone™, Blackberry™, Android™, etc)
- Pentaplex operation
- Resolution, FPS, quality & audio settings assignable per channel
- Instant hot key playback
- Gigabit ethernet
- Real-time log viewer with image
- Quick playback function (forward, reverse, max. 64x)
- Powerful search mode (calendar, timeline, event search)
- G.M.T time zone & D.S.T supported & auto time synchronization
- Two way audio communications supported
- Archiving devices supported - DVD-RW, USB device, network
- Network supported (static IP, DHCP, DDNS)
- Remote live viewing, searching, configuration, archiving
- Easy firmware upgrade via USB
- Alarm in/Motion Detection/Video Loss/HDD SMART
- E-mail notification
- 6 months log data with still image
- HDD PC Viewer

#### GUI Overview:



Main Menu

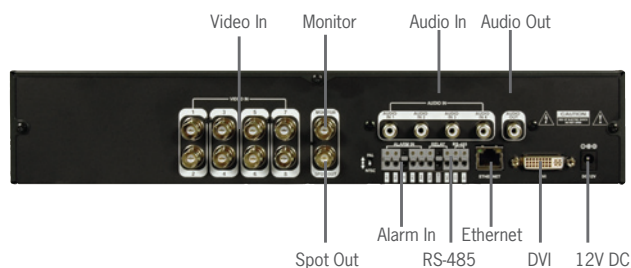


Camera Menu

# Specifications:

General Specs	
Operating System	LINUX
Pentaplex Function	Simultaneous record/playback/network/backup
Video Compression	H.264 Codec(DSP Based)
Live Display Speed	120/100 fps (4ch) / 240/200 fps (8ch) / 480/400 fps (16ch)
Recording Speed	120/100 fps (CIF), 120/100fps (2CIF) (4ch) / 240/200 fps (8ch) / 240/200 fps (16ch)
Video Input	4CH (BNC) / 8CH (BNC) / 16CH (BNC)
Video Output	
DVI monitor	1280 x 1024
VGA Monitor	1280 x 1024
Sub monitor	1 composite (BNC)
Spot-out	1 composite (BNC)
Loop-out	None
Screen Division	
Live	1,4 (4ch) / 1,4,6,8,9 (8ch) / 1,4,6,8,9,16 (16ch)
Playback	1,4 (4ch) / 1,4,9 (8ch) / 1,4,16 (16ch)
Audio In/Out	4 Line in (RCA)/ 1 line out (RCA), CODEC:G.711
Storage	Up to 2 HDDs (SATA)
Archive	USB Device, CD/DVD-RW & network
USB Port	2 (front)
PTZ & Keyboard control	RS-485
System Control	USB mouse, front button, remote controller
Network	LAN, DHCP, Dynamic IP, DDNS
Power	12V Adaptor, 5A, 100~220VAC, 50~60Hz
Operating Temperature	0°C ~ 40°C
Humidity	10 ~ 90% NC
RemoteSW	64 ch. CMS support, web viewer

## Back Panel:



## Product Information:

UPC:	<b>DHU604501:</b> 8-41430-00588-9
	<b>DHU608501:</b> 8-41430-00590-2
	<b>DHU616501:</b> 8-41430-00592-6
Weight:	7.5kg / 16.5lbs
Cube:	0.325m / 1.13ft
Package Dimensions:	455mm x 455mm x 155mm 17.9" x 17.9" x 6.1" (W x D x H)
Includes:	DVR, Power Supply, Remote
Construction:	Rugged, all metal, rack mountable

Main Features	
Live Display	
OSD	On/Off
Border Color	Selectable
Digital Zoom	None (4ch) / Up to 3X (8 & 16ch)
Search	
Calendar Search	Search by time
Event Search	Search by event
Playback	
Playback Speed	Variable playback (Max.64x)
Playback Rate	Up to 120fps @ 352x240 / Up to 100fps @ 352x288 / Up to 120fps @ 704x240 / Up to 50fps @ 704x288 / Up to 60fps @ 704x480 / Up to 25fps @ 704x576 (4ch) / Up to 240fps @ 352x240 / Up to 200fps @ 352x288 / Up to 120fps @ 704x240 / Up to 100fps @ 704x288 / Up to 60fps @ 704x480 / Up to 50fps @ 704x576 (8 & 16ch)
Instant playback	Instant playback mode for quick review
Audio Play	Synchronized with video
System	
Video Covert	Video will be hidden live & playback mode, but it will be recorded
PTZ	Supported most of PTZ protocol, preset up to 255
Motion Area Setting	Adjustable GRID (16X16), 10 steps sensitivity level
Time Synchronization	Auto time sync. by NTP server
User Authority	Each user group has different function
System Reliability	Watch-Dog, auto-recovery after power failure
Firmware Upgrade	Via USB device
Configuration Export & Import	Setting configuration copy & paste to other DVR via USB
S.M.A.R.T. Alarm	Auto-Detect & monitoring the HDD's problem

Record	
Resolution Setting	By each camera for different resolution setting (CIF/2CIF/D1)
Recording Quality Control	4 levels (low/standard/high/highest)
Recording Schedule	By hour, by day, by recording mode, by alarm, by Ch
Panic Record	Overrides all other recording settings to provide the best quality recording
Pre-recording	Max. 5 seconds
Post-recording	Max. 180 seconds
Archive	
Archive Device	CD/DVD/USB device (optional)
File Format	AVI file (Codec included)
Bookmark Archiving	Supported
Player	Backup player, Window Media Player and HDD PC viewer
Network	
Network Support Type	LAN/DHCP/DDNS
Web Server Port	Programmable by User
E-mail notification	E-mails to specific users to notify events
System Configuration	Full setup configuration over network
Bandwidth limit	Limitable the network bandwidth by user
Two-Way Audio	Communication with RemoteSW
DDNS	Digimerge DDNS
APF	Auto port forwarding (APF)
Others	
Watermark	Watermarked video & audio for security

## Configurations:

<b>DHU604501</b>	4 Channel H.264 Digital Video Recorder with 500GB HDD, DVDRW
<b>DHU608501</b>	8 Channel H.264 Digital Video Recorder with 500GB HDD, DVDRW
<b>DHU616501</b>	16 Channel H.264 Digital Video Recorder with 500GB HDD, DVDRW

# DIGIMERGE®

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