



## DHU600 Omni Series

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



## Features:

- H.264 video compression
- 480/480fps Live/Record
- DVI direct digital output, HDMI compatible, VGA, composite
- Auto port forwarding (APF) easy setup
- Smartphone & PDA supported (iPhone, Blackberry, 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 - USB device, network, DVD-RW (non-B models only)
- 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

## GUI Overview:



Main Menu



Camera Menu

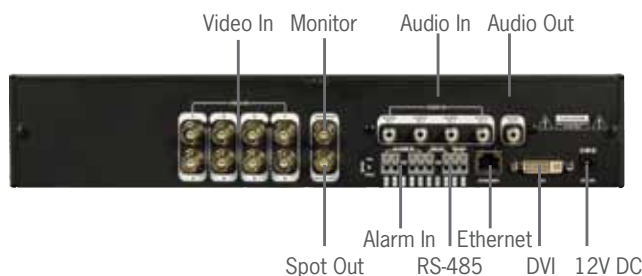


## Specifications:

### General Specs

<b>Operating System</b>	LINUX
<b>Pentaplex Function</b>	Simultaneous record/playback/network/backup
<b>Video Compression</b>	H.264 Codec(DSP Based)
<b>Live Display Speed</b>	120 fps (4ch) / 240 fps (8ch) / 480 fps (16ch)
<b>Recording Speed</b>	120 fps (4ch) / 240 fps (8ch) / 480 fps (16ch) CIF
<b>Video Input</b>	4CH (BNC) / 8CH (BNC) / 16CH (BNC)
<b>Video Output</b>	
<b>DVI monitor</b>	1280 x 1024
<b>VGA Monitor</b>	1280 x 1024
<b>Sub monitor</b>	1 composite (BNC)
<b>Spot-out</b>	1 composite (BNC)
<b>Screen Division</b>	
<b>Live</b>	1,4 (4ch) / 1,4,6,8,9 (8ch) / 1,4,6,8,9,16 (16ch)
<b>Playback</b>	1,4 (4ch) / 1,4,9 (8ch) / 1,4,16 (16ch)
<b>Audio In/Out</b>	4 Line in (RCA)/ 1 line out (RCA), CODEC:G.711
<b>Storage</b>	Up to 2 HDDs (SATA)
<b>Archive</b>	USB Device, network & CD/DVD-RW (non-B models only)
<b>USB Port</b>	2 (front)
<b>PTZ &amp; Keyboard control</b>	RS-485
<b>System Control</b>	USB mouse, front button, remote controller
<b>Network</b>	LAN, DHCP, Dynamic IP, DDNS
<b>Power</b>	12V Adaptor, 5A, 100~220VAC, 50~60Hz
<b>Operating Temperature</b>	0°C ~ 40°C
<b>Humidity</b>	10 ~ 90% NC
<b>RemoteSW</b>	256 ch. (64 x 4 screens) CMS support, web viewer

## Back Panel:



### Main Features

<b>Live Display</b>	
<b>OSD</b>	On/Off
<b>Border Color</b>	Selectable
<b>Digital Zoom</b>	None (4ch) / Up to 3X (8 & 16ch)
<b>Search</b>	
<b>Calendar Search</b>	Search by time
<b>Event Search</b>	Search by event
<b>Playback</b>	
<b>Playback Speed</b>	Variable playback (Max.64x)
<b>Playback Rate</b>	120 (4), 240 (8), 480 (16) NTSC
<b>Instant playback</b>	Instant playback mode for quick review
<b>System</b>	
<b>Video Covert</b>	Video will be hidden live & playback mode, but it will be recorded
<b>PTZ</b>	Supported most of PTZ protocol, preset up to 255
<b>Motion Area Setting</b>	Adjustable GRID (16x16), 10 steps sensitivity level
<b>Time Synchronization</b>	Auto time sync. by NTP server
<b>User Authority</b>	Each user group has different function
<b>System Reliability</b>	Watch-Dog, auto-recovery after power failure
<b>Firmware Upgrade</b>	Via USB device
<b>Configuration Export &amp; Import</b>	Setting configuration copy & paste to other DVR via USB
<b>S.M.A.R.T. Alarm</b>	Auto-Detect & monitoring the HDD's problem
<b>Record</b>	
<b>Resolution Setting</b>	By each camera for different resolution setting (CIF/2CIF/D1)
<b>Recording Quality Control</b>	4 levels (low/standard/high/highest)
<b>Recording Schedule</b>	By hour, by day, by recording mode, by alarm, by Ch
<b>Panic Record</b>	Overrides all other recording settings to provide the best quality recording
<b>Pre-recording</b>	Max. 5 seconds
<b>Post-recording</b>	Max. 180 seconds
<b>Archive</b>	
<b>Archive Device</b>	CD/DVD/USB device (optional)
<b>File Format</b>	AVI file (Codec included)
<b>Bookmark Archiving</b>	Supported
<b>Player</b>	Backup player, Window Media Player and HDD PC viewer
<b>FTP</b>	Backup
<b>Network</b>	
<b>Network Support Type</b>	LAN/DHCP/DDNS
<b>Web Server Port</b>	Programmable by User
<b>E-mail notification</b>	E-mails to specific users to notify events
<b>System Configuration</b>	Full setup configuration over network
<b>Bandwidth limit</b>	Limitable the network bandwidth by user
<b>Two-Way Audio</b>	Communication with RemoteSW
<b>DDNS</b>	Digimerge DDNS
<b>APF</b>	Auto port forwarding (APF)
<b>Others</b>	
<b>Watermark</b>	Watermarked video & audio for security

## Product Information:

UPC:	<b>DHU604000:</b> 8-41430-00587-2
	<b>DHU604501:</b> 8-41430-00588-9
	<b>DHU6041TB:</b> 8-41430-00602-2
	<b>DHU6042TB:</b> 8-41430-00603-9
	<b>DHU6044TB:</b> 8-41430-00627-5
	<b>DHU608000:</b> 8-41430-00589-6
	<b>DHU608501:</b> 8-41430-00590-2
	<b>DHU6081TB:</b> 8-41430-00604-6
	<b>DHU6082TB:</b> 8-41430-00605-3
	<b>DHU6084TB:</b> 8-41430-00628-2
	<b>DHU616000:</b> 8-41430-00591-9
	<b>DHU616501:</b> 8-41430-00592-6
	<b>DHU6161TB:</b> 8-41430-00606-0
	<b>DHU6162TB:</b> 8-41430-00607-7
	<b>DHU6164TB:</b> 8-41430-00629-9
	<b>DHU604B00:</b> 8-41430-00614-5
	<b>DHU604B50:</b> 8-41430-00615-2
	<b>DHU604B1T:</b> 8-41430-00620-6
	<b>DHU604B2T:</b> 8-41430-00621-3
	<b>DHU608B00:</b> 8-41430-00616-9
	<b>DHU608B50:</b> 8-41430-00617-6
	<b>DHU608B1T:</b> 8-41430-00622-0
	<b>DHU608B2T:</b> 8-41430-00623-7
	<b>DHU616B00:</b> 8-41430-00618-3
	<b>DHU616B50:</b> 8-41430-00619-0
	<b>DHU616B1T:</b> 8-41430-00624-4
	<b>DHU616B2T:</b> 8-41430-00625-1
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



**DHU600 Series (with DVDRW)**



**DHU600B Series (without DVDRW)**

## Configurations:

<b>DHU604000</b>	4 Channel H.264 Digital Video Recorder without HDD, with DVDRW
<b>DHU604501</b>	4 Channel H.264 Digital Video Recorder with 500GB HDD, with DVDRW
<b>DHU6041TB</b>	4 Channel H.264 Digital Video Recorder with 1TB HDD, with DVDRW
<b>DHU6042TB</b>	4 Channel H.264 Digital Video Recorder with 2TB HDD, with DVDRW
<b>DHU6044TB</b>	4 Channel H.264 Digital Video Recorder with 4TB HDD, with DVDRW
<b>DHU608000</b>	8 Channel H.264 Digital Video Recorder without HDD, with DVDRW
<b>DHU608501</b>	8 Channel H.264 Digital Video Recorder with 500GB HDD, with DVDRW
<b>DHU6081TB</b>	8 Channel H.264 Digital Video Recorder with 1TB HDD, with DVDRW
<b>DHU6082TB</b>	8 Channel H.264 Digital Video Recorder with 2TB HDD, with DVDRW
<b>DHU6084TB</b>	8 Channel H.264 Digital Video Recorder with 4TB HDD, with DVDRW
<b>DHU616000</b>	16 Channel H.264 Digital Video Recorder without HDD, with DVDRW
<b>DHU616501</b>	16 Channel H.264 Digital Video Recorder with 500GB HDD, with DVDRW
<b>DHU6161TB</b>	16 Channel H.264 Digital Video Recorder with 1TB HDD, with DVDRW
<b>DHU6162TB</b>	16 Channel H.264 Digital Video Recorder with 2TB HDD, with DVDRW
<b>DHU6164TB</b>	16 Channel H.264 Digital Video Recorder with 4TB HDD, with DVDRW
<b>DHU604B00</b>	4 Channel H.264 Digital Video Recorder w/o HDD, w/o DVDRW
<b>DHU604B50</b>	4 Channel H.264 Digital Video Recorder with 500GB HDD w/o DVDRW
<b>DHU604B1T</b>	4 Channel H.264 Digital Video Recorder with 1TB HDD, w/o DVDRW
<b>DHU604B2T</b>	4 Channel H.264 Digital Video Recorder with 2TB HDD, w/o DVDRW
<b>DHU608B00</b>	8 Channel H.264 Digital Video Recorder w/o HDD, w/o DVDRW
<b>DHU608B50</b>	8 Channel H.264 Digital Video Recorder with 500GB HDD, w/o DVDRW
<b>DHU608B1T</b>	8 Channel H.264 Digital Video Recorder with 1TB HDD, w/o DVDRW
<b>DHU608B2T</b>	8 Channel H.264 Digital Video Recorder with 2TB HDD, w/o DVDRW
<b>DHU616B00</b>	16 Channel H.264 Digital Video Recorder w/o HDD, w/o DVDRW
<b>DHU616B50</b>	16 Channel H.264 Digital Video Recorder with 500GB HDD. w/o DVDRW
<b>DHU616B1T</b>	16 Channel H.264 Digital Video Recorder with 1TB HDD, w/o DVDRW
<b>DHU616B2T</b>	16 Channel H.264 Digital Video Recorder with 2TB HDD, w/o DVDRW