

# DHA4800

## HD/IP Hybrid Video Recorder

### 16ch H.264/H.264

### 4HDD



#### DESCRIPTION

The DHA4800 Series are Linux OS, Hybrid HD-AHD/TVI/CVI/CVBS/IP Digital Video Recorder appliances with 16ch HD/Analog inputs, or up to 24ch IP Video, 4 Audio, H.264/H.264 decoding, dual configurable video streams and G.711 audio compression for unrivaled quality and storage cost performance. Units feature: 1xHDMI (3840x2160), 1xHDMI (1920x1080) 1xVGA, 1xTV ports, 1x1000Mbps ports, 4 SATA HDD slots, up to 16 Alarms in/6 out, RS-232, RS-422, RS-485, 3 USB, 1 eSATA ports, all channels record and playback @1080p resolution and intelligent analytics. With Video Management via Server, PC Client, Web, Smart Phone Interface and ONVIF. The DHA4800 are ideal scale solutions for medium to large scale commercial and industrial HD and/or Network Video Surveillance installations.



#### FEATURES

- \* Hybrid HD-AHD/TVI/CVI/CVBS and IP HDVR w/LINUX OS; dual H.264 Video compression
- \* G.711 Audio compression; record with video
- \* 16ch Video; 4 Audio; Duplex Talk channel
- \* 24ch IP Video Inputs – each channels @ 5MP
- \* 2 x HDMI 1080p, 1xVGA, 1xBNC TV Monitor
- \* 4 HDD Slots with 8TB each – 32TB total
- \* Pentaplex functions – simultaneously record, display, playback, transmit files over network
- \* All 16 channels recording @ 1080p resolution
- \* 96Mbps incoming total capacity Bandwidth
- \* 3D Intelligence, Privacy mask, Motion detect
- \* 1 x RJ-45 1000Mbps Ethernet Data Ports
- \* RS-232 for DVR Control; RS-422 PTZ Control
- \* 3 USB (2.0) Ports – Mouse / Backup; 1 eSATA
- \* 16 Alarm in/6 Relay out/4 Audio in/1 out
- \* Smart Phone Interface: iPhone and Android
- \* HDD hibernation, fault Alarm, 128 Access Users
- \* Compliance with CE, FCC, ROHS, ONVIF

#### APPLICATIONS

- \* Homeland Security
- \* Correctional Centers
- \* Petrochemical Industry
- \* Corporate and Banking
- \* Casinos and Hospitality
- \* Health Care Centers
- \* Schools and Universities
- \* Government and Military
- \* Power Generating Plants
- \* Traffic Surveillance (ITS)

#### ORDERING INFORMATION

DHA4816VA-5 Hybrid HD-AHD/TVI/CVI/CVBS/IP Digital Video Recorder 16 HD/Analog; or up to 24 IP Video, 4 Audio, 16 Alarms/6 Relays, 100-240VAC



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#### Electrical Specifications

Video Standards:	HD-AHD/TVI/CVI/CVBS/IP
Video Compression:	Dual H.264 VBR/CBR
Video Inputs Analog:	16 BNC 1V p-p 75 Ohm
Video Inputs IP:	24 all @ 5MP
Video Outputs:	2 x HDMI, VGA, TV BNC
Video Playback:	1/2/4/9/16 per screen
Motion Detection:	396 max Zones (22x18)
Audio compression:	G.711
Audio Inputs:	4 via BNC
Audio Talk:	Mic. in / Mic. out
Audio Input Impedance:	30KΩ 4/8/16 channels
Audio Output Impedance:	BNC - 200-3000mV, 5KΩ
Audio Input (voice):	BNC - 200-2800mV, 30KΩ
Audio Output (voice):	BNC - 200-3000mV, 5KΩ
Audio Recording:	Synchronous with Video
<b>Backup Mode:</b>	USB, eSATA & Network
<b>Data Ports</b>	
LAN Interface:	1xRJ-45 Port 1000 Mbps
USB Interfaces:	3 Ports - Mouse, Backup
Data Interfaces:	RS-232, RS-422 and RS-485
PTZ Protocols/Baud:	Pelco D, 2400
Alarms:	16 In, 6 Relay outputs (max)
Pre Alarm Recording:	30 seconds
Post Alarm Recording:	1-120 min. 60 min default

#### HDD and Management

Available HDD: 4HDDs – max 32TB Storage  
 HDD Management: Hibernation, Fault Alarm,

#### Operating System

Real Time Operating System: Linux based  
 Protocols Supported: HTTP, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DDNS, PPPoE, E-Mail, FTP

#### Mechanical Specifications

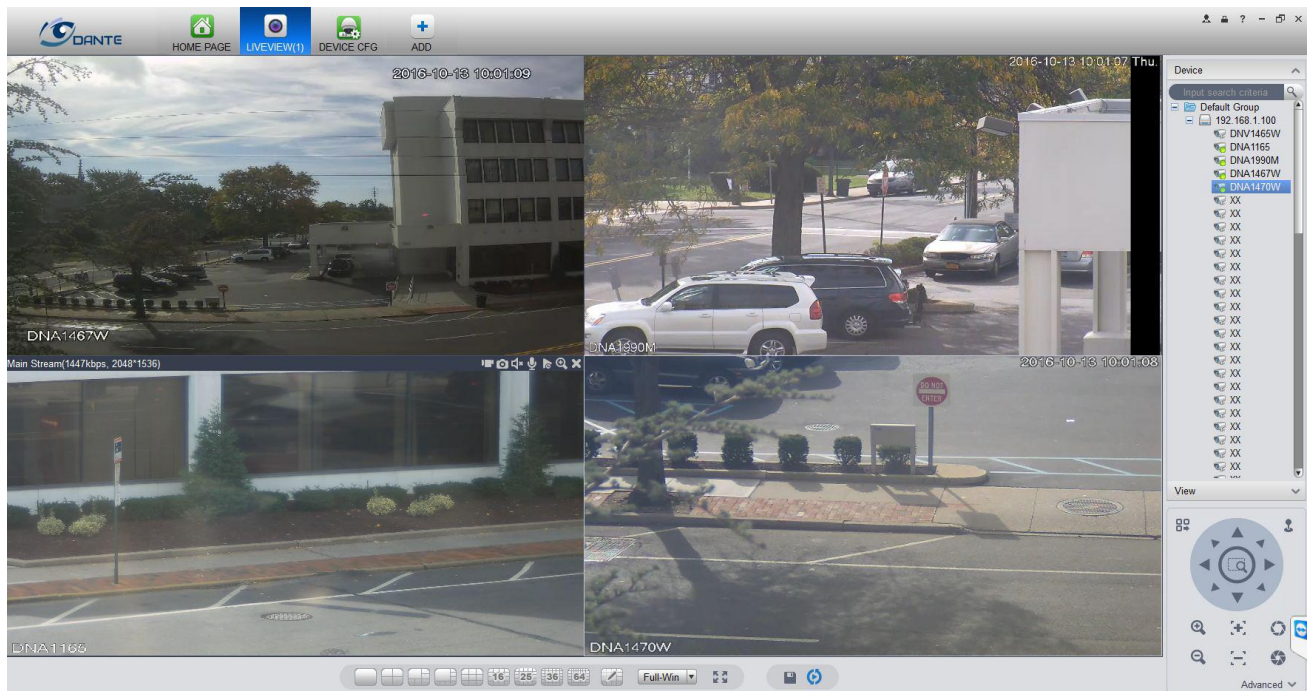
Dimension (H x W X D): 76mm x 440mm X417mm  
 3”(1.5U) x 17.3” x 16.5”  
 19” (with ears)  
 Rack mountable  
 Weight not including H/D: Net 13.5 lb. (6Kg)  
 Gross 15.7 lb. (7Kg)

#### Environmental Specifications

Temperature: 32° F~122° F, 0°C~50°C  
 Humidity: 10~90% non condensing  
 Mean Time Between Failure (MTBF): 50,000 hours  
**Power Supply**  
 Power Consumption: 100-240VAC, 50/60Hz  
 max.30W (16ch)

#### Regulatory Compliance:

**Manufactured to:** CE, FCC, ROHS, ONVIF  
 ISO9001:2000 Standard



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