

DHA7800

HD/IP Hybrid Video Recorder

16ch H.264/H.264

8HDD-RAID



DESCRIPTION

The DHA7800 Series are Linux OS, Hybrid HD-AHD/TVI/CVI/CVBS/IP Digital Video Recorder appliances with 16ch HD/Analog inputs, or up to 64ch IP Video, 16 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, 2x1000Mbps ports, 8 SATA HDD slots Raid0/1/5/6/10, up to 16 Alarms in/6 out, RS-232, RS-422, RS-485, 4 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 DHA7800 are ideal 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; 16 Audio; Duplex Talk channel
- * 64ch IP Video Inputs – each channels @ 12MP
- * 2 x HDMI 1080p, 1xVGA, 1xBNC TV Monitor
- * 8 HDD with 8TB each – Raid 0/1/5/6/10
- * Pentaplex functions – simultaneously record, display, playback, transmit files over network
- * All 16 channels recording @ 1080p resolution
- * 200Mbps incoming total capacity Bandwidth
- * 3D Intelligence, Privacy mask, Motion detect
- * 2 x RJ-45 1000Mbps Ethernet Data Ports
- * RS-232 for DVR Control; RS-422 PTZ Control
- * 4 USB (2.0) Ports – Mouse / Backup; 1 eSATA
- * 16 Alarm in/6 Relay out/16 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

DHA7816VA-5 Hybrid HD-AHD/TVI/CVI/CVBS/IP Digital Video Recorder 16 HD/Analog; up to 64 IP Video, 16 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:	64 all @ 12MP
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:	16 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
Backup Mode:	USB, eSATA & Network
Data Ports	
LAN Interface:	2xRJ-45 Port 1000 Mbps
USB Interfaces:	4 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:	8 HDDs – max 64TB
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):	90mm x 440mm X460mm 3.5"(2U) x 17.3" x 18" 19" (with ears)
Rack mountable	
Weight not including H/D:	Net 18 lbs. (8 Kg) Gross 22 lbs. (9.7Kg)

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	100-240VAC, 50/60Hz
Power Consumption:	max.40W (16ch)

Regulatory Compliance:

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