AHUA TECH

AT-NVR724D-256

256 Channel Ultra Network Video Recorder

> Intel Processor
> Max 256 IP Camera Inputs
> Max 512Mbps Incoming Bandwidth
> 24 Hot-swap HDDs
> Supports RAID 0/1/5/6/10/50/60
> iSCSI and Mini SAS for Expanded Storage Space
> Optional HDMI Output Extension Board with 8 HDMI
> Smart Tracking and Intelligent Video
> 7-inch HD LCD Monitor

Ordering Information		
Type	Part Number	Description
256 Channel NVR	DHI-NVR724D-256	256 Channel Ultra Network Video Recorder with LCD Monitor
Accessories	ESS3116S-J(R)	16 HDDs SAS Storage Cabinet
	ESS3124S-J(R)	24 HDDs SAS Storage Cabinet

SPECIFICATION:

System	
Main Processor	Intel Core i7 Processor
Operating System	Embedded LINUX
Audio and Video	
IP Camera Input	256 Channel
Two-way Talk	1 Channel Input, 1 Channel Output, RCA
Display	
Interface	2 HDMI (Different Source), 1 VGA 8 HDMI (Optional)
Resolution	1920 × 1080 , 1280 × 1024, 1280 × 720 , 1024 × 768
Multi-screen Display	1st Screen: 1/4/8/9/16/25/36/64 2nd Screen: 1/4/8/9/16
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording
Recording	
Compression	H.264/MJPEG
Resolution	12MP, 8MP, 6MP, 5MP, 4MP, 3MP, 1080P, 1.3MP, 720P etc.
Record Rate	512Mbps
Bit Rate	16Kbps ~ 20Mbps Per Channel
Record Mode	Manual, Schedule (Regular, MD (Motion Detection), Alarm, IVS), Holiday, Stop
Record Interval	1 ~ 120 min (default: 60 min), Pre-record: 1 ~ 30 sec, Post-record: 10 ~ 300 sec
Video Detection and Alarm	
Trigger Events	Recording, PTZ, Tour, Alarm Out, Video Push, Email, FTP, Snapshot, Buzzer and Screen Tips
Video Detection	Motion Detection, MD Zones: 396 (22 × 18), Video Loss and Tampering
Alarm input	4 Channel, Low Level Effective, Green Terminal Interface
Relay Output	4 Channel, NO/NC Programmable, Green Terminal Interface
Tracking Trigger Event	Zoom, Tracking, Recording, Preset, Snapshot, Alarm, etc.
Playback and Backup	
Playback	128 Mbps in Raid 5 Mode; 64 Mbps in single HDD Mode
Search Mode	Time /Date, Alarm, MD and Exact Search (accurate to second)
Playback Function	Play, Pause, Stop, Rewind, Fast play, Slow Play, Next File, Previous File, Next Camera, Previous Camera, Full Screen, Repeat, Shuffle, Backup Selection, Digital Zoom
Backup Mode	USB Device/Network
Third-party Support	
Third-party Support	Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videotec, Vivotek, and more

Network	
Interface	4 RJ-45 Ports (10/100/1000Mbps)
Ethernet Port	4 Ethernet Ports Joint Working or 4 Independent 1000Mbps Ethernet Ports
PoE	N/A
Network Function	HTTP, HTTPs, TCP/IP, IPv4/IPv6, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE,DDNS, FTP, Alarm Server, IP Search (Support Dahua IP camera, DVR, NVS, etc.)
Optical Fiber Interface	2 Giga Optical Fiber Interface (optional)
Max. User Access	128 users
Smart Phone	iPhone, iPad, Android
Interoperability	ONVIF 2.4, CGI Conformant
Storage	
Internal HDD	24 SATA III Ports, Up to 8 TB capacity for each HDD
HDD Mode	Single, Raid 0/1/5/6/10/50/60(Enterprise-level HDDs are recommended), Support Global HDD Hot-spare
eSATA	1 eSATA Port (Please contact technical engineer to confirm the compatible device)
SAS	2 Mini SAS Port, for Storage Expansion
Auxiliary Interface	
Front Cover	Support Hot-swap, 7-inch HD LCD (1920 × 1080, 1280 × 1024, 1024 × 768)
USB	4 USB Ports (2 USB 2.0 , 2 USB 3.0)
RS232	1 Port, for PC Communication and Keyboard
RS485	1 Port, for PTZ Control
Electrical	
Power Supply	AC100V ~ 240V, 50 ~ 60 Hz
Power Consumption	<200W (Without HDD)
Environmental	
Operating Conditions	-10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa
Storage Conditions	-20°C ~ +70°C (-4°F ~ +158°F), 0 ~ 90% RH
Construction	
Dimensions	4U, 482.6mm x 570.12mm x 175mm (19" x 22.4" x 6.9")
Net Weight	25kg (55.1 lb) (without HDD)
Gross Weight	38kg (83.8 lb)
Installation	Rack-mounted
Certifications	
CE	EN55022, EN55024, EN50130-4, EN60950-1
FCC	Part 15 Subpart B, ANSI C63.4-2014
UL	UL 60950-1 and CAN/CSA C22.2 No.60950-1