BIN-NVR42-8CH

Features :

· 8 channel 1U standalone Network Video Recorder

· Dual-core CPU presents the powerful preview, recording, playback and network performance

· Up to 4 channel 1080P cameras realtime live view

· H.264/MPEG-4 dual codec decoding

· 8 channel@D1, 4 channel@720P, 2 channel@1080P IP camera inputs

· support HDMI

· All channel simultaneous realtime playback, GRID interface & smart search

· Support Multi-brand network cameras such as: Dahua, Arecont Vision, AXIS, Canon,

  Dynacolor, Panasonic, SAMSUNG, SANYO, SONY and ONVIF

· Support remote network camera encoding setting & image adjust

· IP Search feature to automatically discover network cameras

· Support 2 SATA HDDs up to 6TB, 2 USB2.0

· Built-in web server, CMS(DSS/PSS) & DMSS

Specifications :

System	
Main Processor	High performance Dual-core embedded microprocessor
Operating System	Embedded LINUX
System Resources	Pentaplex function: live, recording, playback, backup & remote access
Control Mode	Front panel, USB mouse, IR remote control, Keyboard, Network
Video	
IP Camera Input	8ch@D1 / 4ch@720P / 2ch@1080P
IP Camera Supported List	Dahua, Arecont Vision, AXIS, Canon, Dynacolor, Panasonic, SAMSUNG, SANYO, SONY, ONVIF
Output	1 HDMI(video & audio), 1 VGA
Display	
Display Split	1/4/8/9
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768

Tour Display	Support
Privacy Masking	4 self-defined four-sided zones for privacy masking for each camera
OSD	Camera title, time, video loss, camera lock, motion detection, recording
Recording	
Compression	H.264 / MPEG4
Recording Resolution	1080P(1920×1080) / 720P(1280×720) / D1 (704×576/704×480)
Max Recording Speed	200/240fps@D1, 100/120fps@720P , 50/60fps@1080P
Recording Bit Rate	Up to 16Mbps
Recording Quality	CBR, VBR(1~6 level, level 6 is the best)
Recording Mode	Manual, Schedule(Regular(Continuous), MD(Video detection: Motion detection, Camera blank, Video loss), Alarm), Stop
Recording Priority	Manual >Alarm >MD >Regular
Recording Interval	1~120 min (default: 60 min)
Video Detection & Alarm	
Trigger Events	Recording, PTZ movement, Tour, Alarm, Email, FTP, Buzzer & Screen tips
Motion Detection	Zones: 396(22×18), Sensitivity: 1~6 (level 6 is highest)
Video Loss & Camera Blank	Support
Alarm Input	8 channel
Relay Output	3 channel
Playback & Backup	
Playback Channel	1/2/4/All
Search Mode	Time/Date, Alarm, MD & Exact search (accurate to second), Smart search
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	Flash drive / USB HDD / USB CD&DVD-RW / Network download
Network	
Ethernet	RJ-45 port (10/100M/1000M)
Network Function	HTTP, TCP/IP, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server, IP Search(Support Dahua IP camera, DVR, NVS etc)
Max Remote Users	20 Users simultaneously
Remote Operation	Monitor, PTZ control, Playback, System setting, File download, Log information
Hard Disk	

Hard Disk	2 SATA ports, Up to 6TB
Space Occupation	Max 3.6GB/H per channel
HDD Management	HDD Group, HDD hibernation technology, HDD faulty alarm & Raid(Redundancy)
Auxiliary Interface	
USB Interface	2 ports, 1 for mouse control, 1 for backup
RS232	Dahua keyboard, PC communication
RS485	PTZ control
Environmental	
Power Supply	DC12V/3.3A
Power Consumption	20W(without HDD)
Working Environment	-10 ~+55°C / 10~90%RH / 86~106kpa
Dimension	1U, 375mm×285mm×45mm(W×D×H)
Weight	2.3KG(without HDD)