

## DHI-NVR52A16-16P-4KS2

### 16CH1U16PoE 4K&H.265 Network Video Recorder



### Features

- > Up to 16 channel IPC input
- > H.265/H.264/MJPEG/MPEG4 codec decoding
- > Max 320Mbps incoming bandwidth
- > Up to 12Mp resolution preview&playback
- > Max 16ch@1080P H.265/H.264 decoding
- > HDMI/VGA simultaneous video output
- > 1/4/8/16 channel synchronous realtime playback, GRID interface
- > Support Multi-brand network cameras: Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videotec, Vivotek and etc.
- > ONVIF Version 2.4 conformance
- > 3D intelligent positioning with Dahua PTZ camera
- > Support 2 SATA HDDs up to 12TB, 2 USB(1 USB3.0)
- > Support IPC UPnP, 16PoE ports
- > Multiple network monitoring: Web, CMS(DSS/Smart PSS) & Mobile phone (DMSS)

# DHI-NVR52A16-16P-4KS2

## Technical Specifications

|                                    |   |
|------------------------------------|---|
| <b>Model</b>                       | <b>DH-NVR52A16-16P-4KS2</b>   |
| <b>System</b>                      |   |
| Main Processor                     | Quad-core embedded processor  |
| Operating System                   | Embedded LINUX  |
| <b>Video&amp; Audio</b>            |   |
| IP Camera Input                    | 16 channel  |
| Two-way Talk                       | 1channel Input, 1channel Output, RCA  |
| <b>Display</b>                     |   |
| Interface                          | 1 HDMI (up to 3840x2160),1 VGA  |
| Resolution                         | 3840x2160, 1920x1080, 1280x1024, 1280x720, 1024x768   |
| Display Split                      | 1/4/8/9/16  |
| OSD                                | Camera title, Time, Video loss, Camera lock, Motion detection, Recording  |
| <b>Recording</b>                   |   |
| Compression                        | H.265/H.264/MJPEG/MPEG4   |
| Resolution                         | 12Mp/8Mp/6Mp/5Mp/4Mp/3Mp/1080P/ 720P/ D1&etc.   |
| Record Rate                        | 320Mbps   |
| Bit Rate                           | 16kbps~20Mbps for per channel   |
| Record Mode                        | Manual, Schedule(Regular(Continuous), MD, Alarm), Stop  |
| RecordInterval                     | 1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec  |
| <b>Video Detection &amp; Alarm</b> |   |
| Trigger Events                     | Recording, PTZ, Tour, Alarm, Video Push, Email,FTP, Snapshot, Buzzer & Screen tips  |
| Video Detection                    | Motion Detection,MDZones: 396(22x18), Video Loss & Camera Blank   |
| Alarm Input                        | 4 channel   |
| Relay Output                       | 2 channel   |
| <b>Playback &amp; Backup</b>       |   |
| Sync Playback                      | 1/4/8/16  |
| 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                        | USB Device/Network/Internal SATA burner   |
| <b>Network</b>                     |   |
| Ethernet                           | 1 RJ-45 port (10/100/1000Mbps)  |
| PoE                                | 16 ports (IEEE802.3af/at)   |
| Network Function                   | HTTP, 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 and etc.), P2P |
| Max. UserAccess                    | 128users  |
| Smart Phone                        | iPhone, iPad, Android   |
| <b>Storage</b>                     |   |
| Internal HDD                       | 2 SATA ports, up to 12TB  |

## DHI-NVR52A16-16P-4KS2

| <b>Auxiliary Interface</b> |   |
|----------------------------|---|
| USB                        | 2 ports (1 Rear USB3.0,1 Front USB2.0)                                  |
| RS232                      | 1 port, For PC communication&Keyboard                                   |
| <b>General</b>             |   |
| Power Supply               | Single, AC 100~240V, 50/60 Hz   |
| Power Consumption          | NVR: 14.5W without HDD<br>PoE: Max 25.5W for single port, 130W in total |
| Working Environment        | -10°C~ +55°C / 10%~90%RH / 86~106kpa                                    |
| Dimension (W×D×H)          | 1U, 375mm×327mm×53mm  |
| Weight                     | 2.7KG(without HDD)  |