

advidia M-NVR-4CH-4POE

TECHNICAL SPECIFICATIONS

This specification is intended for use by the design/construction professional and any user of advidia Security products to assist in developing project specifications for security and video surveillance systems.

advidia M-NVR-4CH-4POE Network Video Recorder

PART 1 GENERAL

1.01 WARRANTY

- A. Provide manufacturer's standard warranty.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. i-PRO Co., Ltd.

2.2 advidia M-NVR-4CH-4POE NETWORK VIDEO RECORDER

A. GENERAL CHARACTERISTICS

1. The Network Video Recorder (NVR) shall be an all-in-one recording solution for IP video surveillance system of up to 4 network cameras.
2. The NVR shall store H.264 video data and H.265 video data.
3. The NVR shall have the capability of up to 112 Mbps total throughput. (Incoming bandwidth: 64 Mbps, Outgoing Bandwidth: 48 Mbps)
4. The NVR shall offer 1 SATA interface.
5. The NVR shall offer 1 channel RCA output.
6. The NVR shall offer up to 6TB of storage capacity.
7. The NVR shall offer synchronous playback of up to 4 channels.
8. The NVR shall have 1 HDMI and 1 VGA output.
9. The NVR shall offer Normal, Event and Manual recording mode.
10. The NVR shall offer multi-screen in Normal mode, Corridor Mode, and Web Client.
11. The NVR shall offer 1 RJ-45 network interface and 4 POE ports.
12. The NVR shall allow 128 remote users.
13. The NVR shall be able to allow users to see the recording status of each camera.
14. NDAA Compliant.

15. Supports mainstream cameras of ONVIF conformance (Profile G, Profile S, Profile T) and RTSP protocols.

B. NETWORK DISK RECORDER

1. Inputs Up to 4 network cameras support
2. Protocols TCP/IP, P2P, UPnP, NTP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, SMTP, RTSP

C. FUNCTIONS

1. Display
 - a. Local display HDMI: 4K (3840x2160)/30Hz, 1920X1080/60Hz, 1920X1080/50Hz, 1600X1200/60Hz, 1280X1024/60Hz, 1280X720/60Hz, 1024X768/60Hz
VGA: 1920X1080/60Hz, 1920X1080/50Hz, 1280X1024/60Hz, 1280X720/60Hz, 1024X768/60Hz
 - b. Multiscreen Display Normal Mode: 4
Corridor Mode: 3/4
Web Client: 4
Camera control: Pan/Tilt, Zoom, Focus, Iris, Preset Position, Preset Patrol, Recorded Patrol, Auto Guard
 - c. System Setup Setup page in English
2. Recording
 - a. Image format H.265, H.264
 - b. Frame rate Up to 30 fps per stream (Depending on the Camera)
 - c. Recording rate 64 Mbps or less
 - d. Audio G.711U, G.711A
 - e. Recording Mode Normal, Event, Manual
 - f. Alarm Source Camera alarms
 - g. Event Action Buzzer, E-mail, Alarm output, Recording, Snapshot
3. Search and Playback
 - a. Search mode Date and time (Calendar), Timeline, Event, Smart
 - b. Playback control Play, Reverse Play, Pause, Stop, Fast Forward, Fast Reverse, Previous Frame, Next Frame, Go to Date, Jumps to next (5s, 15s, 30s, 1mins, 5mins, 15mins, 30mins and 1hr)
4. Remote and mobile monitoring
 - a. Remote monitoring Web browser: Microsoft IE
advidia Guard
Mobile Application: adividia Guard (iOS and Android)
5. Management
 - a. User registration Up to 16 users
 - b. Remote users 128 users
 - c. Authentication ID and Password
 - d. User level Administrator, Guest, and Operator
 - e. Central management advidia Guard: can add up to maximum 64 devices or 512 channels

D. STORAGE

- | | | |
|-------------|----------|-------------------|
| 1. HDD slot | Internal | 1 HDD slot |
| 2. HDD type | | 3.5-inch SATA HDD |

E. INTERFACE

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|---------------------|--|---|
| 1. Indicator/Button | | |
| a. Indicator | | Status indicator: Run (Operation), Network, HD (Hard Disk), Cloud |
| 2. Connections | | |
| a. Network | | 1x 10BASE-T / 100BASE-TX (RJ45) |
| b. Video | | 1x HDMI, 1x VGA |
| c. Audio | | 1x Audio out |
| d. Mouse | | 1x mouse connection port USB2.0 |
| e. Power cord | | 1x Power cord |
| 3. Slots | | |
| HDD | | 1x HDD slots |

F. ELECTRICAL

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|----------------------|-------------------|
| 1. Power Source | 52 DC |
| 2. Power Consumption | ≤9W (without HDD) |

G. MECHANICAL

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|----------------|---|
| 1. Dimensions | 260mm x240mm x 46 mm (10.2" x 9.4" x1.8") |
| 2. Weight | |
| a. Without HDD | ≤1.1kg (2.43lb) |

H. ENVIRONMENTAL

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|----------------------------------|-----------------------------|
| 1. Ambient Operating Temperature | -10°C~+ 55°C (+14°F~+131°F) |
| 2. Ambient Operating Humidity | ≤ 90% RH (non-condensing) |