

Ark-DVR 4CH



Ark Vision Systems



Ark-DVR 4CH

Article number : 3040024

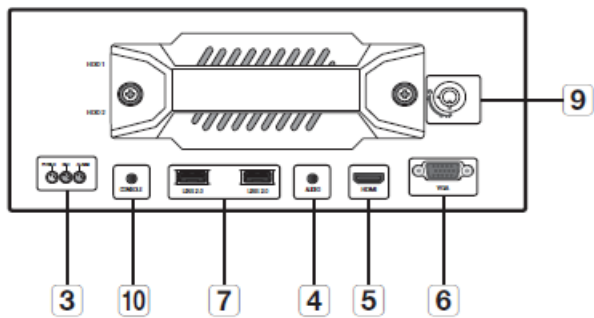


Key Facts

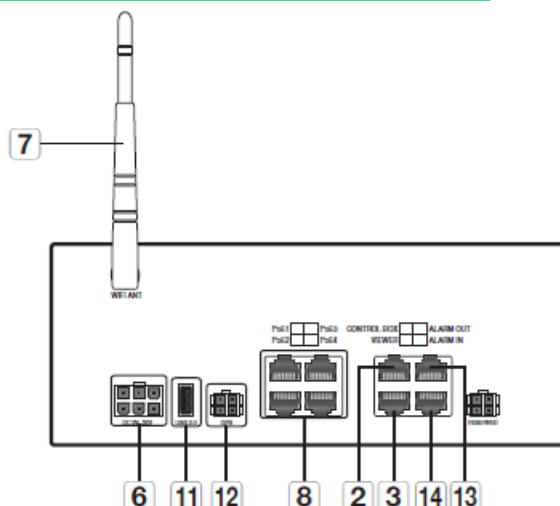
- **4-channel** mobile network video recorder
- Up to 4 channels, **up to 8 MP** supported
- **H.265, H.264, MJPEG** compression
- **Max. 50 Mbit/s** recording
- Plug & Play with **4 PoE connectors**
- **2 SATA slots** (front swap)
- **Max. 4 TB** (SSD)
- **Max. 2 TB** (HDD)

Connector

3. 3x LED (Power, Rec, Alarm)
4. 1x Audio
5. 1x HDMI Up to 4K (3840 x 2160)
6. 1x VGA Max. 1080p
7. 2x USB (USB 2.0, USB 3.0)
9. 1x HDD Key Lock
10. 1x Service Console



2. 1x Control Box Connection RJ45
3. 1x Viewer RJ45 (100Mbps)
6. 1x Power Supply 9-36V DC
7. 1x Wifi Antenna
8. 4x Camera Input RJ45 PoE (100Mbps)
11. 1x USB 2.0
12. 1x GPS
13. 1x Alarm Ausgang RJ45
14. 1x Alarm Eingang RJ45



Technical specifications

Input

- Max. 4Channel (4 PoE, RJ45)

Resolution

- CIF - 8MP

Protokol

- Wisenet (SUNAPI), ONVIF

Multi-Channel Display

- [Local Monitor] 1 / 2H / 2V / 3V / 4 / Autosequence
- [Web] 1 / 4 / Auto sequence

Performance

- [Local Monitor]
8MP (60fps), 5MP (90fps), 3MP (120fps), 2MP (120fps), 720p (120fps), D1 (120fps)

Operating System

- Linux

Record Compression

- H.265, H.264, MJPEG, WiseStream (H.265, H.264)

Recording Bandwidth

- Max. 50Mbps

Record Type

- Manual, Schedule (Continuous / Event), Event (Pre / Post), Emergency

Record Event Trigger

- Alarm Input (6), Video Loss, Camera Event (Sensor, MD, Video Analytics, Defocus)
G-Sensor (3 Axis)

Record Event Action

- e-Mail, Alarm Out, Buzzer, Monitor Out

Storage Internal HDD

- 2 SATA(Front-Swap)
Max. 2TB (HDD, Non-RAID Mode)
Max. 4TB (SSD, Non-RAID Mode)

Storage RAID

- N/A

Technical specifications

File Backup

- Exe (GUI), JPG/AVI (excluding GPS information)(Network)

Backup Function

- Multi channel (Up to 4ch) play, Date-time / Title / GPS display

Backup Type

- Auto (Wi-Fi), Manual (HDD/SSD)

Wifi Backup Performance

- Max. 50Mbps

Sensor I/O

- 6/4

Audio Input

- 4 Channel (Network)

Audio Compression

- G.711, G.726, AAC (16/48KHz)

Audio Communication

- 2-Way

Network Interface

- RJ-45 (Gigabit ethernet x1)

Network Protocol

- TCP/IP, UDP/IP, RTP (UDP), RTP (TCP), RTSP, NTP, HTTP, DHCP (Server, Client), PPPoE, SMTP, ICMP, IGMP, ARP, DNS, DDNS, uPnP, HTTPS, SNMP, ONVIF (Profile-S), SUNAPI (Server, Client)

Network Transmission Bandwidth / Wired LAN

- Max. 50Mbps

Network Max Remote Users

- Search (3), Live Unicast (10), Multicast (20)

Network IP Version

- IPv4/v6

Network Security

- IP address filtering, User access log, 802.1x, Encryption

Network Wireless

- Wifi - Internal (802.11 ac(5G), 1T1R / Support external 3G/LTE router (Ethernet)

Network Viewer Software

- Type: SSM Transportation, Webviewer / CMS Support: Support SDK/CGI(SUNAPI) for integration to 3'rd party VMS

Technical specifications

Camera Setup Register

- Auto, Manual

Camera Setup Items

- IP address, Profile add/edit, Bitrate, Compression, Camera MD setup Camera video setup (Simple focus, Brightness/Contrast, Flip/Mirror, Iris, WDR, D&N, SSNR, Shutter, SSSDR, DIS), Fisheye dewarping mode, Hallway view Setup, Camera webpage, Wi-sestream On/Off

Camera PoE/PoE+ Power Control

- Monitor PoE/PoE+ power consumption, On/Off control for each PoE/PoE+ camera, Remote reset for each PoE/PoE+ camera

Camera Time Sync

- NVR time protocol for PoE/PoE+ camera (Time sync based on NVR time) GPS time sync

System Control

- Mouse, Web

Power Management

- Shutdown Delay
 - Max. 72Hrs (User selectable)shutdown / Support CGI shutdown
- Startup Delay
 - 0 (Default) sec - 10 Min (User selectable)
- Log List
 - Max. 20,000 (System log, Event log each)

Operating Temperature / Humidity

- -25 to +55 °C(-13 to +131 °F) : HDD installed

Humidity

- 20% - 85% RH

Power Supply

- 9 - 36V DC
 - Battery power detection & Low power limit setup
- Power Consumption
 - Max. 83W
- PoE Budget
 - Max. 32W

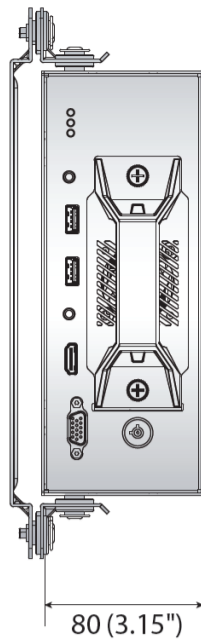
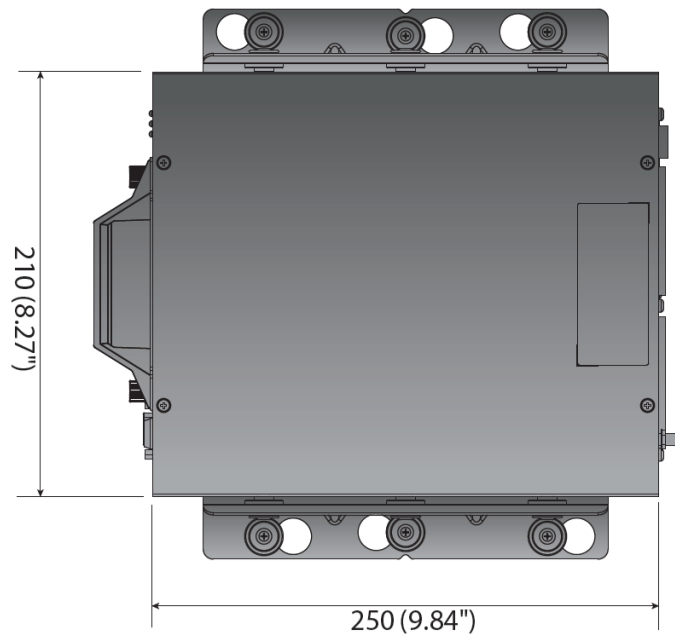
Certification

- EN-50155, EN-50121-3, EN-61373

Weight

- Approx. 3.4Kg (7.5lb, without HDD)

Dimensions



Accessories

- Control Box



- GPS Antenna



- Wifi Antenna



