

Video Surveillance Product Catalog 2017



HST-7121-HDA

1 Bay Commercial Network Video Recorder



Features

High-performance

- Up to 4 x 1080p@30fps video decoding capability
- Up to 16 channels and 1080p supported
- Up to 80Mbps incoming bandwidth
- Up to 64Mbps output bandwidth

Small size

- 1.6Kg / 3.52lb
- 350 x 240 x 40mm / 13.78" x 9.45" x 1.57"

Easy to install

- Automatic network organizing
- Built-in DHCP server

High reliability

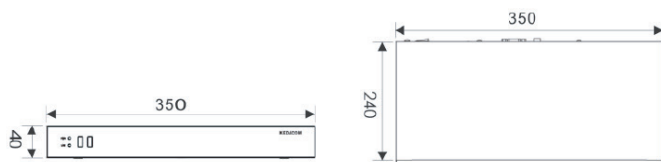
- Embedded Linux
- Low power consumption
- Supports Packet Loss Recovery (PLR)

Abundant functions and features

- HDMI/VGA simultaneously output different content (016HDA)
- E-Map, TV-Wall supported
- Bi-directional audio, Broadcasting
- NAT, Socks5
- Alarm management
- Free CMS (NVR Station), supports 128 NVR simultaneously
- CMS supports 6 screens simultaneously (4 x Live viewing, 1 x E-Map, 1 x TV-Wall)

Dimensions

Units:mm



Specifications

| | HST-7121-004HDA | HST-7121-009HDA | HST-7121-016HDA |
|--------------------------------------|---|-------------------------------------|---|
| Video/Audio Input | | | |
| IP Camera Input | 4 channel | 9 channel | 16 channel |
| Resolution | 1080p, UXGA, 960p, 720p, XGA, SVGA, D1, CIF, QCIF | | |
| Compression | H.264 | | |
| Protocols | Onvif, RTSP | | |
| Incoming Bandwidth | 20Mbps | 45Mbps | 80Mbps |
| Live Viewing | | | |
| Local Display | 1 x HDMI, 1 x VGA, simultaneously output same content | | 1 x HDMI, 1 x VGA, simultaneously output different content |
| Multi Screen Display Local monitor | 1, 4 | 1, 4, 9, 1+4, 1+8 | Main / Secondary: 1/1, 4/1, 9/1, 15/1, 16/1 1+4/1, 1+8/1, 1+9/1, 1+15/1, 4/9, 9/4, 9/9 |
| Multi Screen Display Client | up to 4 screen simultaneously: 1, 3, 4, 9, 12, 16, 20, 25, 30, 36, 42, 49, 56, 63, 64 1+5, 1+7, 1+8, 1+9, 1+11, 1+15, 1+16, 1+33, 1+47, 1+48 | | |
| E-Map Function | Live Viewing in E-Map (NVR Station) E-PTZ / Scheme / Polling / TV-Wall (optional with decoder) | | |
| Recording | | | |
| Resolution | 1080p, UXGA, 960p, 720p, XGA, SVGA, D1, CIF, QCIF | | |
| Mode | Manual / Continuous / Schedule / Event (Pre / Post) | | |
| Event Trigger | Supported | | |
| Tag | Supported | | |
| Search & Playback | | | |
| Search Mode | Date and time (Calendar) / Event | | |
| Resolution | 1080p, UXGA, 960p, 720p, XGA, SVGA, D1, CIF, QCIF | | |
| Playback (Local Monitor) | 1 x 1080p@30fps / 4 x 720p@30fps | 1 x 1080p@30fps / 4 x 720p@30fps | 4 x 1080p@30fps |
| Playback (Client) | 2 x 1080p@30fps | 4 x 1080p@30fps | 5 x 1080p@30fps |
| Synchronize Playback (Local Monitor) | 4 x 720p@30fps | 4 x 720p@30fps | 4 x 1080p@30fps |
| Synchronize Playback (Client) | 2 x 1080p@30fps | 4 x 1080p@30fps | 4 x 1080p@30fps |
| Function | Slow forward / Fast forward / Loop / Single frame / E-PTZ | | |
| Storage | | | |
| Max. Internal HDDs | 1 x 3.5" HDD Max. 6TB (up to 6TB/each) | | |
| Audio | | | |
| Compression | G.711a / G.711u / ADPCM / G.722 / G.722.1c / AAC-LC | | |
| Bit rate | 32kbps ~ 64kbps | | |
| Audio Function | Bi-directional audio / Dumb / Mute / Broadcasting | | |
| Alarm | | | |
| Service Alarm Triggers | Alarm input / Video lost / Motion detection / Tampering / Guard line / Defocus / Sence change / Enter guard area / Exit guard area / Object left / Object removal / Gathering / Audio surge | | |
| System Alarm Triggers | Device disconnected / No disk / Disk error / IP Address conflict / Network disconnected / Low speed / Insufficient recording space / MAC address conflict / Insufficient snapshot space | | |
| Alarm Events | Snapshot / Recording / PTZ preset / Buzzer / Email / Link to Client / Alarm caption / Live view in first window / Link to TV Wall / Link to secondary screen / Full screen viewing | | |
| System | | | |
| Operating System | Embedded Linux | | |
| User Management | Admin / User | | |
| Log Management | User login / User operation / Alarm / Backup / Update | | |
| Application Programming | NVR Station SDK | | |
| Network | | | |
| Network Protocols | TCP/IP, UDP, HTTP, DHCP, DNS/DDNS, RTP/RTCP, RTSP, PPPoE, FTP, SNTp, VSIP, UPNP, SMTP, IPv4, IPv6 (optional) | | |
| Viewer Software | CMS (NVR Station) / Web / iOS app / Android app | | |
| Max. User Access | 64 Users | | |
| Output Bandwidth | 36Mbps | 10 ~ 36Mbps | 64Mbps |
| Function | NAT / Socks5 / Multiple network access / Packet loss recovery / Auto network organizing | | |
| Network Test | Supported | | |
| Interfaces | | | |
| Ethernet | 1 x 10/100M, RJ45 interface | | 1 x Gigabite network port, RJ45 interface |
| Video Out | 1 x HDMI (up to 1920 x 1080@60Hz) 1 x VGA (up to 1920 x 1080@60Hz) | | |
| Audio In / Out | 1 x RCA Line in / 1 x RCA Line out | | |
| USB | 2 x USB 2.0 | | |
| Environmental | | | |
| Operating Temperature | -10°C ~ 55°C / 14°F ~ 131°F | | |
| Operating Humidity | 10% ~ 90% | | |
| Electrical | | | |
| Power | 12V DC ± 10% | | |
| Power Consumption | Max. 20W (HDD not included) | | |
| Mechanical | | | |
| Weight | 1.6kg / 3.52lb (HDD not included) | | |
| Dimensions | 350 x 240 x 40mm / 13.78" x 9.45" x 1.57" | | |