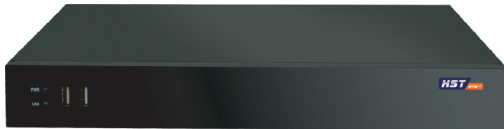


# Video Surveillance Product Catalog 2017



# HST-7121-HD

## 2 Bay Commercial Network Video Recorder



### Features

#### High-performance

- Up to 4 x 1080p@30fps / 9 x 720p@30fps video decoding capability
- Up to 32 channels and 1080p supported
- Up to 160Mbps incoming bandwidth
- Up to 110Mbps output bandwidth
- Max. 2 HDDs up to 12TB storage

#### 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

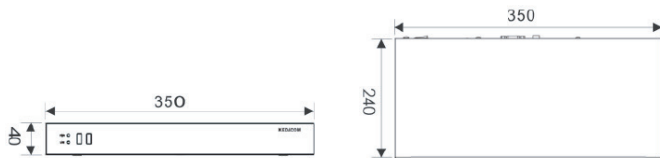
- Embedded Linux
- Low power consumption
- Supports Packet Loss Recovery (PLR)

#### Abundant functions and features

- HDMI/VGA simultaneously output different content (016HD, 032HD)
- 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-7121-004HD	HST-7121-009HD	HST-7121-016HD	HST-7121-032HD
<b>Video/Audio Input</b>				
IP Camera Input	4 channel	9 channel	16 channel	32 channel
Resolution	1080p, UXGA, 960p, 720p, XGA, SVGA, D1, CIF, QCIF			
Compression	H.264			
Protocols	Onvif, RTSP			
Incoming Bandwidth	20Mbps	45Mbps	80Mbps	160Mbps
<b>Live Viewing</b>				
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	Main / Secondary: 1/1, 4/1, 9/1, 15/1, 16/1, 36/1, 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)			
<b>Recording</b>	E-PTZ / Scheme / Polling / TV-Wall (optional with decoder)			
Resolution	1080p, UXGA, 960p, 720p, XGA, SVGA, D1, CIF, QCIF			
Mode	Manual / Continuous / Schedule / Event (Pre / Post)			
Event Trigger	Supported			
Tag	Supported			
<b>Search &amp; Playback</b>				
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 / 9 x 720p@30fps	4 x 1080p@30fps / 9 x 720p@30fps
Playback (Client)	2 x 1080p@30fps	4 x 1080p@30fps	5 x 1080p@30fps	5 x 1080p@30fps
Synchronize Playback (Local Monitor)	4 x 720p@30fps	4 x 720p@30fps	4 x 1080p@30fps / 9 x 720p@30fps	4 x 1080p@30fps / 9 x 720p@30fps
Synchronize Playback (Client)	2 x 1080p@30fps	4 x 1080p@30fps	4 x 1080p@30fps	4 x 1080p@30fps
Function	Slow forward / Fast forward / Loop / Single frame / E-PTZ			
<b>Storage</b>				
Max. Internal HDDs	2 x 3.5" HDD			
Function	Max. 12TB (up to 6TB/each) Disk dormancy			
<b>Audio</b>				
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			
<b>Alarm</b>				
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			
<b>System</b>				
Operating System	Embedded Linux			
User Management	Admin / User			
Log Management	User login / User operation / Alarm / Backup / Update			
Application Programming	NVR Station SDK			
<b>Network</b>				
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	112 ~ 110Mbps
Function	NAT / Socks5 / Multiple network access / Packet loss recovery / Auto network organizing			
Network Test	Supported			
<b>Interfaces</b>				
Ethernet	1 x 10/100M, RJ45 interface		1 x Gigabit network port, RJ45 interface	
Video Out	1 x HDMI (up to 1920 x 1080@60Hz)			
Audio In / Out	1 x VGA (up to 1920 x 1080@60Hz)			
USB	1 x RCA Line in / 1 x RCA Line out 2 x USB 2.0			
<b>Environmental</b>				
Operating Temperature	-10°C ~ 55°C / 14°F ~ 131°F			
Operating Humidity	10% ~ 90%			
<b>Electrical</b>				
Power	12V DC ± 10%			
Power Consumption	Max. 20W (HDD not included)			
<b>Mechanical</b>				
Weight	1.6kg / 3.52lb (HDD not included)			
Dimensions	350 x 240 x 40mm / 13.78" x 9.45" x 1.57"			