

TVN-HDD-4TB

TruVision Recorder HDD expansion kit, 4TB



Details

- Linux embedded plug&play configuration
- Up to 400 Mbps camera recording bandwidth
- Up to 128 IP channels to be connected
- Real-time Full HD recording
- Motion detection, VCA, privacy masking, tamper detection
- TruVision IP camera auto-discovery
- RAID 0/1/5/10
- Up to 96 TB embedded storage (16 x 6TB) non-RAID
- Up to 64 TB embedded storage (16 x 4TB) RAID
- Flip-open front panel for easy HDD access, servicing & expansion
- Network redundancy (NIC, port, network)
- PSU redundancy
- Removable fan
- IP camera configuration import/export
- Transcoding
- Motion search (latest TruVision IP cameras)
- Custom protocol configuration (RTSP streaming)
- Native TruVision IP camera support
- Broad 3rd party camera support through Onvif & PSIA support
- Recorder failover functionality (one failover unit per 4 operational recorders)
- Edge recording failover (TruVision IP cameras)
- Full browser based access for live, recorded & configuration
- TVRmobile app for iOS, Android & Windows Mobile
- TruVision Navigator license-free client/host or standalone application
- Integration into Advisor Management, OnGuard (7.0 SP2), TruPortal (2.0), MasterMind (xx)
- External integration support through SDK

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Technical Specifications

General

| | |
|---|---|
| Product Type | Internal Storage |
| Power supply: | 2 x 100 ~ 240 VAC, 6.3 A, 50 ~ 60 Hz |
| Redundant power supply: | Yes |
| Power consumption (without hard disk): | |
| Power consumption (with 16 x 2TB RAID hard disk): | |
| Operating temperature: | -10 °C to +55 °C (14 °F to 131 °F) |
| Operating humidity: | 10% ~ 90% |
| Removable/serviceable fan: | Yes |
| Chassis: | 3U rack mountable or desk-based chassis |
| Dimensions (W x D x H): | |
| Weight (without hard disk): | |

Video/Audio input

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|--|-------------------------------------|
| Maximum bandwidth input: | 400 Mbps |
| Maximum IP camera input: | 128 channels |
| Maximum bandwidth per channel: | 6 Mbps |
| Video compression standards supported: | H.264, RTSP custom protocols, Onvif |
| Audio input (IP) | 128 channels |

External interfaces

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|-------------------------------------|---|
| Audio input (analog, non recording) | 1-ch, RCA (2.0 Vp-p, 1 k?) |
| Audio output: | 1-ch, RCA (Linear, 600?) |
| Serial interface | 1 RS-232 interface (configuration, maintenance, POS/ATM link) |
| USB interface: | 1 x USB 2.0 (front), 2 x USB 3.0 (back) |
| Alarm interface: | 16 alarm in, 8 alarm out |

Recording

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|-----------------------------------|---|
| Recording resolution: | 6 MPX / 5 MPX / 3 MPX / 1080P / UXGA / 720P / VGA / 4CIF / DCIF / 2CIF / CIF / QCIF |
| SATA: | 16 SATA interfaces |
| Maximum onboard storage capacity: | 96 TB (non-RAID) / 64 TB (RAID) |
| Recording modes: | Time lapse High, Time lapse Low, Event, Alarm, Manual |
| Fliptop front panel: | Yes |
| Dual stream recording: | Up to 16 channels |
| Auto-archiving: | Yes |
| RAID: | 0/1/5/10 |
| Hard drive redundancy: | Yes |
| Hard drive grouping: | Yes |
| Hot swappable HDDs: | Yes (in RAID 5 configuration) |
| External recording: | eSATA, NAS, SAN |

Networking

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|---|---|
| Network interface: | 2 x 10/100/1000 Mbps self-adaptive Ethernet interface |
| Network ports per network interface: | 1x RJ-45 & 1 x SFP |
| Network redundancy: | Yes |
| NIC redundancy: | Yes |
| Network port redundancy: | Yes |
| Multi-address mode: | Yes, up to 2 LANs |
| ezDDNS: | Yes |
| DDNS: | Yes |
| no-IP.com: | Yes |
| Total connections to recorder (non-viewing) available Live: | 128 streams |
| Total viewing streams available Playback: | |
| Total viewing streams available per camera channel: | |
| Total viewing bandwidth available: | 400 Mbps out |
| Transcoding / smart bandwidth: | Yes |

Web browser viewing

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|--------------------------------|---|
| Digital zoom: | Up to x16 |
| Playback resolution: | Up to 6 MPX (depending on monitor resolution) |
| Simultaneous playback browser: | 16 channels, depending on PC performance |
| Reverse playback browser: | 16 channels, depending on PC performance |

Operations

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|-----------------------|---|
| Local: | quick archiving |
| Remote: | IP keypad / Browser interface / TruVision Navigator / TVRmobile / SDK |
| Browser requirements: | IE 8 9 10 11, Chrome xxx, Firefox xxx, Mac Safari xxxx |



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