

iPIXA 32 Channel NVR Server 1U Rackmount 2,5" HDD's



PLUG AND PLAY HARDWARE

UP TO 3.6TB STORAGE

COST EFFECTIVE

UP TO 32 CHANNELS

iPIXA's IPINVRS002 Server NVR with 2 SATA 2,5Inch HDD is an Enterprise 1U Rack Mount NVR designed for enterprise VMS applications requiring larger scalability and redundancy, continuous up-time and many simultaneous users. The IPINVRS002 is ideal for solutions that requires NAS storage applications. Low noise level unit.

The IPINVRS002 is factory equipped with hard drives, which already allows for a storage capacity of up to 3,6 TB. The storage capacity can be expanded by adding network attached storage (NAS). The IPINVRS002 is designed to be installed in a 19" rack. The required mounting rails are included. The server is an ideal high performance back end NVR.

HIGHLIGHTS

- Pre-Installed for Optimum performance
- Windows 10 OS 64Bit OR Ubuntu Linux 14.04 LTS Included
- Multi-Core High performance CPU
- Record up to 32 Cameras in real-time
- Failover capacity dependant on camera configuration, resolution and bit-rate
- RAID mirror Storage Redundancy possible
- Up to 512 servers in a single system
- Reliable, proven Computing hardware and software solution.
- Option for Windows Server OS
- Up to 3,6TB Capacity (1,8TB Gross RAID mirror recording) – Designed for external storage

PERFECT FOR:

- Education (Schools, Universities, Colleges etc)
- Health care (Hospitals, Clinics, Pharmaceutical)
- Transport (Airports, Sea Ports, Road traffic management, Logistics, Railways etc)
- IT environments (Data centres, cell, Cloud, Telecommunication etc)
- Hospitality (Casino's, Hotels, Gaming)
- Retail (Shopping Centres, shops, retail chain stores)
- City Surveillance (Safe Cities, ANPR, Traffic etc)

Technical Specifications

Software

Operating System	Windows 10 / Windows Server 2016 / Ubuntu Linux (32 or 64bit)
NVR Application	Network NVR NX-Witness Hive recording platform
Windows Active Directory / LDAP	Yes – Fully integrated
Cloud Enabled	Yes – NX Cloud

Specific Components

CPU	Intel® Xeon® E3-1220 v6 - 3.00 GHz 4 Core 4 Thread
Memory	8GB DDR4-2400MHz, Registered ECC, CL17, SR RDIMM
Total Bitrate	300mbps
SSD	240GB, 2.5in SATA 6Gb/s, 3D1, TLC
HDD	2x Front mounted HDD's pre-installed
RAID	Software RAID supported (mirror recording)
Hot Swop HDD	Yes – 2x removable HDD's trays for HDD's
Cooling	Custom cooling design, 1 x 10cm blower - 3x 8500 RPM Cooling Fan

Interfaces

Monitor	1 VGA – No camera live display
USB	6 USB 2.0 ports (2 rear + 4 headers), 5 USB 3.0 ports (2 rear + 2 headers + 1 Type A)
Ethernet	2x 1GbE with Intel® i210-AT - Integrated IPMI 2.0 and KVM with Dedicated LAN
COM	1 COM, Rear

Electrical

Power Supply	1U 200W Multi-output power supply Gold level w/20pin
Redundancy	No
Supply Voltage	110/240 V AC, 50/60 Hz

Physical

Dimensions (H x W x D) / Packing Dimms	1.7" (43 mm) x 17.2" (437 mm) x 11.3" (287 mm) / 225.4" (645 mm) x 6.1" (155 mm) x 19.8" (503 mm)
Rackmount Height units	1 U Height – Mounting rails included
Weight	12 lbs (5.44 kg) - HDD's excluded

Technical Specifications

Operating conditions	
Temperature	5°C - 35°C (41°F - 95°F)
Recommended operating temperature	18°C - 25°C (65°F - 77°F)
Relative Humidity	8% - 90% (non-condensing)

Approvals and standards	
Power regulatory	BSMI – CCC - CE/EMC - FCC class B - TUV/CB - UL/CUL

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The server is Only supplied with hard drives ex-factory to ensure the required storage throughput.

