

iPIXA 64 Channel NVR Server 2U Rackmount 8x 3,5" HDD's



PLUG AND PLAY HARDWARE

UP TO 96TB STORAGE

COST EFFECTIVE

UP TO 64 CHANNELS

iPIXA's IPINVRS007 Server NVR with 8x Hotswop SATA 3,5Inch HDD's is an Enterprise 2U Rack Mount NVR designed for enterprise VMS applications requiring large storage scalability and redundancy, continuous up-time and many simultaneous users. The IPINVRS007 is ideal for mission critical & high redundancy solutions with redundant PSU's.

The IPINVRS007 is factory equipped with hard drives, which already allows for a storage capacity of up to 96 TB. The storage capacity can be expanded by adding network attached storage (NAS). The IPINVRS007 is designed to be installed in a 19" rack. The required mounting rails are included. The server boasts **Dual 1000W PSU's**

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 64 Cameras in real-time
- Failover capacity on camera configuration, resolution and bit-rate – 410mbps overall
- Software RAID 0,1,5,10 Storage Redundancy possible
- Up to 512 servers in a single system
- Reliable, proven Computing hardware and software solution.
- Dual Hot swop Power supply units
- Up to 96TB Capacity (84TB Gross RAID 5)

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® Bronze 3104 - 1.70 GHz 6 Cores 6 Threads 8.25M Cache
Memory	16 GB 2x 8GB DDR4-2400MHz, Registered ECC, CL17, SR RDIMM
Total Bitrate	410mbps
SSD	240GB, 2.5in SATA 6Gb/s, 3D1, TLC
HDD	Pre-installed 8 x 3.5" hot-swap SAS/SATA drive bay
RAID	Software RAID 0,1,5,10
Hot Swap HDD	Yes – 8 x removable HDD's trays for HDD's
Cooling	Adjustable Air Shroud with Enhanced cooling design 3 x 80mm heavy duty fan(s) with PWM fan(s) speed control

Interfaces	
Monitor	1 VGA – No camera live display
USB	4 USB 2.0 ports (2 rear + 2 headers), 3 USB 3.0 ports (2 headers + 1 Type A)
Ethernet	2 RJ45 Gigabit Ethernet LAN ports
COM	1 COM Port (1 header)

Electrical	
Power Supply	Dual hot swop PSU's – 2x 1U 1000W Redundant Titanium Single Output Power Supply W/PMbus
Redundancy	Yes
Supply Voltage	110/240 V AC, 50/60 Hz

Physical	
Dimensions (H x W x D) / Packing Dimms	3.5" (89 mm) x 17.2" (437 mm) x 25.5" (647 mm) / 26.7" (678 mm) x 11.4" (290 mm) x 34.5" (876 mm)
Rackmount Height units	2 U Height – Mounting rails included
Weight	52 lbs (23.59 kg)

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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