

OSSIA CMS - HARDWARE

PROVISION-ISR dedicated CMS hardware are planned, designed and built by Provision-ISR with the sole purpose of running OSSIA CMS: a top quality Central Management System allowing the user to view and manage multiple devices from remote.



OC-RS-16(3U)

16HDD RECORDING SERVER WITH RAID AND 2 PSU

Maximum stability, reliability, and capacity

With 16 Hot-Swap HDD trays, RAID capabilities and dual Ethernet and power supply, Provision-ISR's Storage Server was planned designed and built in the sole purpose of storing massive amounts of data and keeping it as safe and redundant as it can be.



MAIN FEATURES

- Data capacity increase - allowing to remarkably increase playback history.
- Redundancy - thanks to RAID5 the data on the disks will be secured against disk faults and errors.
- Flexibility - hot-swap disk trays for fast disks insertion and removal .
- Dual PSU (power supply unit) - one is for backup in case of an electric failure.



SPECIFICATIONS

CPU	Intel Xeon Processor E3-1220V5 4C/4T 3.0GHz8M/80W
OS	Cent OS7.3
Memory	8GB DDR4 ECC, up to 64GB DDR4- 1866/ 2133MHzECC memory
HDD	3.5 inch SATA x 16 (Hot Swap); built-in 2.5 inch SATA x 1
HDD Installation	Independent HDD slots
Capacity	Up to 128TB
RAID	Hardware RAID; support RAID0,1,5
Network Card	Integrated I210-AT dual gigabit network cards, for load balancing and fault tolerance
Monitor Control	Integrated display controller
Protocol	Support TCP / UDP / RTSP protocol
Search	Built-in index
Performance	Up to 900Mbps read and write (without live view/playback)
	Up to 800Mbps read, 800Mbps write and 96Mbps playback
	Up to 800Mbps read, 800Mbps write and 96Mbps live view
Storage server management	WEB management, OSSIA CMS management
Management options	RAID management, record management, system log
Security	Supply TPM interface; TPM module installation supported
Interface	1× VGA, 6× USB(4 in the real panel and 2 in the front panel), 2× RJ 45, 1× IPMI, 1× RS 232
Power Supply	550W 1+1 redundant power supply, 100~240V-7~3.4A / 50~60Hz
Installation	Standard 19" Rack Mount (3U)
Working Environment	Temperature: 10°C to 35°C; standby: -40°C~+55°C(ambient) Humidity: < 90% RH(35°C)
Noise	When Working: < 50DbA

OC-RS-16(3U)

