Toner cable equipment, inc.

OmniHub 16 16 Module Chassis Dual Power Supplies

INTRODUCTION

The most powerful video headend packed in 4 RU! Perfect for hotels, schools, hospitals, and MDUs yet fexible and feature rich to meet the needs of professional and commercial CATV and IPTV systems.

POWERFUL & COMPACT

With up to 16 hot-swappable modules, the OmniHub 16 makes it easy to support high-density delivery requirements including receiving, descrambling, encoding, multiplexing and modulating.

RELIABLE & ENVIRONMENT FRIENDLY

OmniHub 16 provides service-level monitoring. Combine this with dual power supplies, and you are ready for 24/7 non-stop operation. With this condensed form factor and low power consumption, OmniHub 16 saves more space while lowering operating costs for years to come.

FEATURES

- Dense design: 4 RU with up to 16 functional modules
- Supports 120 IP inputs and 120 IP outputs, SPTS/MPTS
- Service level multiplexing
- PSI/SI analysis and regeneration
- Low noise design
- Supports reception of up to 64 coax channel frequencies (QAM, DVB-S/S2/S2X, 8VSB and more)
- Up to 64 channels HD encoding (via HDMI inputs)
- Up to 96 channels SD encoding (via CVBS inputs)
- Up to 256 QAM modulated frequency outputs
- Hot-swappable modules
- Service-level monitoring
- Dual redundant power supplies
- Flexible and scalable
- User-friendly web-interface setup and module upgrades
- Low power consumption and high reliability with MTBF (Mean Time Between Failure) ≥100,000 hours

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OmniHub 16 is the next generation of modular video processing by Sencore. The chassis comes with dual power supply and accommodates up to sixteen modules. Using a built-in IP switch and diverse range of hot-swappable input/output options, OmniHub 16 is a highly flexible solution perfect for a variety of applications including Hospitality, Education, Government, MDU, and more. Offering an excellent balance of performance VS value, the OmniHub 16 is ideal for dense multi-channel encoding, signal reception, digital turn around, and simultaneous IPTV + QAM distribution without an excessive price tag. Backed by a US based support team and a intuitive Web-Interface, the OmniHub platform is easy for any organization to deploy and operate.

Chassis
4RU with 16 slots for hot-swappable modules
Dual redundant power supplies
Service level multiplexing
4 x Gigabit RJ45 (embedded) : • MPEG TS over UDP/RTP multicast/unicast • SPTS/MPTS • Max. 120 inputs and 120 outputs

Physical & Environment	
Input Voltage	100~240 VAC/50-60Hz
Power Consumption	Max. 350W
Chassis Dimension (W x H x D)	480mm x 177mm x 345mm (18.90" x 6.97" x 13.58"), 4RU
Operating Temperature	0°C~50°C (32°F ~ 122°F)
Storage Temperature	-10°C~70°C (14°F ~ 174.2°F)
Operating Humidity	<95%
MTBF	≥100,000 hours