

OmniHub 6 6 Module Chassis Single or Dual Power Supply Option



OmniHub 6

6 Module Chassis with Single Power Supply



OmniHub 6D

6 Module Chassis with Dual Power Supply



OmniHub 6RFX

6 Module Chassis with 8-CH Adjacent
QAM/DTMB/OFDM Modulation Module

INTRODUCTION

OmniHub 6 is the next generation of modular video processing by Sencore. The chassis comes with a single or dual power supply option and accommodates up to six modules. Using a built-in IP switch and diverse range of hot-swappable input/output options, OmniHub 6 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 6 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.

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FEATURES

- 19" 1RU standard rack unit
- Optional dual power supplies (OmniHub 6D)
- Optional 8-CH adjacent QAM/DTMB/OFDM modulation module on front panel (OmniHub 6RFX)
- 4 GbE Ethernet ports on front panel (2 for management, 2 for IP stream in/out)
- Supports 120 IP inputs and 120 IP outputs, SPTS/MPTS
- 6 slots for hot-swappable functional modules on rear panel
- Supports up to 24 HDMI HD encoding
- Supports up to 48 CVBS SD encoding
- Supports reception of up to 24 coax channel frequencies (QAM-B, DVB-S/S2/S2X, 8VSB)
- User-friendly web-interface setup and module upgrades
- Simple installation and easy configuration

Chassis
1RU with 6 slots for hot-swappable modules
Dual redundant power supplies
Service-level multiplexing
4 x Gigabit RJ45 (embedded): <ul style="list-style-type: none"> • 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. 120W
Chassis Dimension (W x H x D)	480mm x 44mm x 430mm (18.90" x 1.73" x 16.93"), 1 RU
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