



OmniHub 16



OmniHub 6



OmniHub 6D



OmniHub 6RFX

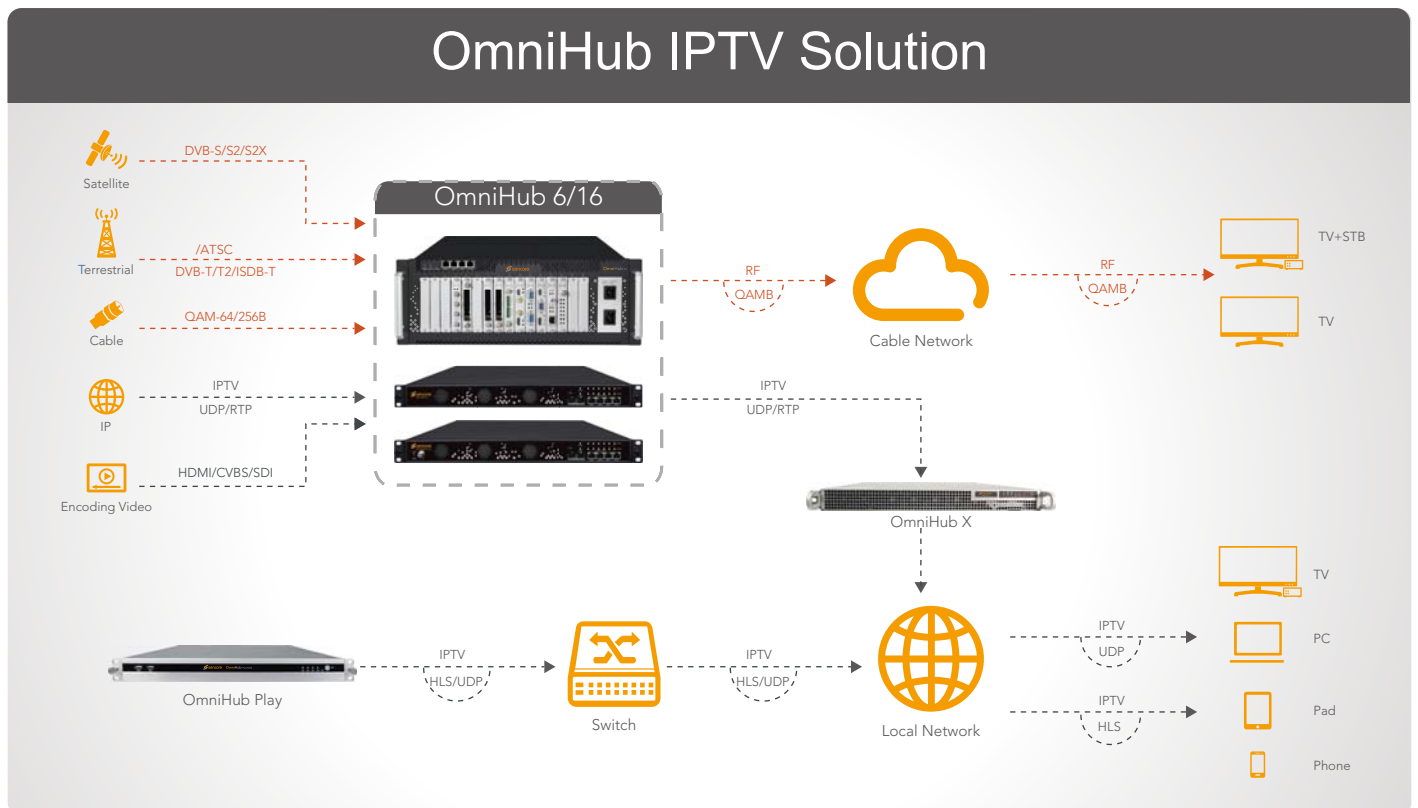
INTRODUCTION

OmniHub 6/16 is the next generation of modular video processing by Sencore. There are two chassis sizes available accommodating up to 16 modules in a 4RU rack space, or 6 modules in a 1RU rack space. Using a built-in IP switch and diverse range of hot-swappable input/output options, OmniHub 6/16 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 6/16 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 PART NUMBERS	RU SIZE	MAXIMUM MODULES	POWER SUPPLIES	CHASSIS PORTS
OMNIHUB-16-02	4RU	16	2	2 MGMT, 2DATA
OMNIHUB 6-02	1RU	6	1	2 MGMT, 4 DATA (2x SFP, 2RJ45)
OMNIHUB 6D-02	1RU	6	2	2 MGMT, 4 DATA (2x SFP, 2RJ45)
OMNIHUB 6RFX-02	1RU	6	1	2 MGMT, 4 DATA (2x SFP, 2RJ45), 1RF (front)

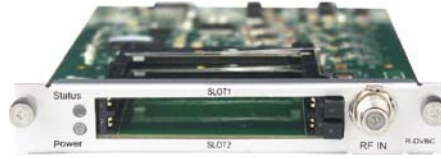
APPLICATION



Chassis
4RU with 16 slots for hot-swappable modules 1RU with 6 slots for hot-swappable modules
Dual redundant power supplies
Service-level multiplexing
4 x Gigabit RJ45, 2 SFP (embedded): <ul style="list-style-type: none"> • MPEG TS over UDP/RTP multicast/unicast SPTS/MPTS • Max. 120 inputs and 120 outputs
Total bitrate 350Mbps of throughput (700Mbps aggregated IN+OUT) VBR and CBR support

Physical & Environment	
Input Voltage	100~240 VAC/50-60Hz
Power Consumption	1RU: 400W 4RU: Max. 360
Chassis Dimension (W x H x D)	480mm x 44mm x 430mm (18.90" x 1.73" x 16.93"), 1 RU 480mm x 177mm x 345mm (18.90" x 6.97" x 13.58"), 4RU
Operating Temperature	0°C~40°C (32°F ~ 104°F)
Storage Temperature	-10°C~70°C (14°F ~ 174.2°F)
Operating Humidity	<95%
MTBF	≥100,000 hours

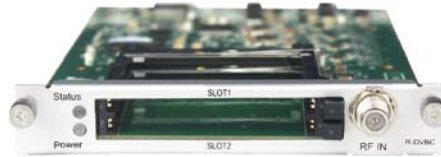
SPECIFICATIONS



OHR6-DVBC-00

DVB-C	
Input	4 channels via 1 RF female connector
CI	2 x PCMCIA CI slots
CAM	Descrambled channel quantity depends on CAM capability, 2 CAMs could be different
QAM Mode	Annex A/C
Frequency Range	47~862MHz
Bandwidth	6/7/8MHz
Constellation	16QAM/32QAM/64QAM/128QAM/256QAM
Symbol Rate	3.6~6.952Ms/s
Signal Level	40~80dBuV
CA System	Supports mainstream CAS
Power Consumption	Max. 9.5W

DTMB	
Input	4 channels via 1 RF female connector
CI	2 x PCMCIA CI slots
CAM	Descrambled channel quantity depends on CAM capability, 2 CAMs could be different
Modulation Mode	TDS-OFDM
Frequency Range	47~862MHz
Constellation	4QAM-NR/4QAM/16QAM/32QAM/64QAM
Signal Level	-65~-25dm
CA System	Supports mainstream CAS
Power Consumption	Max. 9.5W



OHR6-DVBC-ISDBT-01

DVBC Annex B	
Input	4 channels via 1 RF female connector
CI	2 x PCMCIA CI slots
CAM	Descrambled channel quantity depends on CAM capability, 2 CAMs could be different
QAM Mode	Annex B
Frequency Range	47~862MHz
Bandwidth	6MHz
Constellation	64QAM, 256QAM
Symbol Rate	5.057Ms/s (64QAM) 5.360Ms/s (256QAM)
Signal Level	40~80dBuV
CA System	Supports mainstream CAS
Power Consumption	Max. 9.5W

ISDB-T	
Input	4 channels via 1 RF female connector
CI	2 x PCMCIA CI slots
CAM	Descrambled channel quantity depends on CAM capability, 2 CAMs could be different
Frequency Range	177.143-863.143 MHz
Bandwidth	6/8MHz
Constellation	DQPSK, QPSK, 16QAM, 64QAM
FEC	1/2, 2/3, 3/4, 5/6, 7/8, Automatic
Signal Level	-80~-20dBm
CA System	Supports mainstream CAS
Power Consumption	Max. 9.5W

SPECIFICATIONS



OHR6-DVBS2FTA-01

DVB-S/S2/S2X	
Input	C/Ku Band, 4 channels via 4 RF female connectors
LNB Power	Independent power supplies for each LNB
LNB Voltage	13V/18V
LNB Current	Max. 400mA
Constellation	DVB-S: QPSK DVB-S2: QPSK, 8PSK, 16APSK, DVB-S2X: QPSK, 8PSK, 16APSK, 32APSK, 64APSK
Frequency Range	950~2150MHz
Signal Level	-70~-20dBm
Roll-off Factor	0.15, 0.20, 0.25, 0.35
Symbol Rate	DVB-S: 1~45Msps DVB-S2: 1~45Msps DVB-S2X: 1~34 Msps
FEC	DVB-S: 1/2, 2/3, 3/4, 5/6, 7/8 DVB-S2: 1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 8/9, 9/10 DVB-S2X: 11/15, 7/9, 4/5, 5/6 (Normal FEC FECFRAME)
Power Consumption	Max. 38W



OHR6-DVBS2FTA-01A

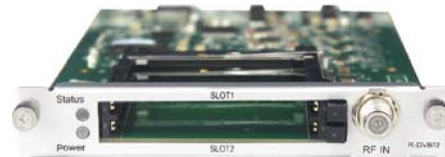
DVB-S/S2/S2X	
Input	C/Ku Band, 8 channels via 8 RF female connectors
LNB Power	Independent power supplies for each LNB
LNB Voltage	13V/18V
LNB Current	Max. 400mA
Constellation	DVB-S: QPSK DVB-S2: QPSK, 8PSK, 16APSK, DVB-S2X: QPSK, 8PSK, 16APSK, 32APSK, 64APSK
Frequency Range	950~2150MHz
Signal Level	-70~-20dBm
Roll-off Factor	0.15, 0.20, 0.25, 0.35
Symbol Rate	DVB-S: 1~45Msps DVB-S2: 1~45Msps DVB-S2X: 1~34 Msps
FEC	DVB-S: 1/2, 2/3, 3/4, 5/6, 7/8 DVB-S2: 1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 8/9, 9/10 DVB-S2X: 11/15, 7/9, 4/5, 5/6 (Normal FEC FECFRAME)
Power Consumption	Max. 70W

Notes: If 2 or 3 modules are needed in the same chassis, please contact your sales.



OHR6-DVBS2CI-01

DVB-S/S2/S2X	
Input	C/Ku Band, 4 channels via 2 RF female connectors CH1 & CH2 via LNB-1 CH3 & CH4 via LNB-2
LNB Power	Independent power supplies for each LNB
LNB Voltage	13V/18V
LNB Current	Max. 400mA
CI	2 x PCMCIA CI slots
CAM	Descrambled channel quantity depends on CAM capability, 2 CAMs could be different
Constellation	DVB-S: QPSK DVB-S2: QPSK, 8PSK, 16APSK DVB-S2X: QPSK, 8PSK, 16APSK, 32APSK, 64APSK
Frequency Range	950~2150MHz
Signal Level	-70~-20dBm
Roll-off Factor	0.15, 0.20, 0.25, 0.35
Symbol Rate	DVB-S: 1~45Msps DVB-S2: 1~45Msps DVB-S2X: 1~34 Msps
FEC	DVB-S: 1/2, 2/3, 3/4, 5/6, 7/8 DVB-S2: 1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 8/9, 9/10 DVB-S2X: 11/15, 7/9, 4/5, 5/6 (Normal FEC FECFRAME)
CA System	Supports mainstream CAS
Power Consumption	Max. 22W



OHR6-DVBT2CI-00

DVB-T/T2	
Input	4 channels via 1 RF female connector
CI	2 x PCMCIA CI slots
CAM	Descrambled channel quantity depends on CAM capability, 2 CAMs could be different
Frequency Range	47~862MHz
Bandwidth	6/7/8MHz
Constellation	DVB-T: QPSK/16QAM/64QAM DVB-T2: QPSK/16QAM/64QAM
Guard Interval	DVB-T: 1/4, 1/8, 1/16, 1/32 DVB-T2: 1/128
FFT Size	DVB-T: 2K, 8K DVB-T2: 8K, 16K, 32K
Signal Level	-80~-20dBm
CA System	Supports mainstream CAS
Power Consumption	Max. 8W

SPECIFICATIONS



OHR6-8VSB-00

8VSB	
Input	4 channels via 4 RF female connector
Frequency Range	50~860MHz
Bandwidth	6MHz
Modulation	8VSB
Signal Level	-80~-20dBm
Power Consumption	Max. 9.5W



OHE6-SDI-01

SDI	
Input	2 channels via 2 SDI SDI via BNC connector
Video	H.264/AVC HD: MP/HP@L4.0, SD: MP/HP@L3.0 MPEG-2 SD: MP @ML HD: MP@HL
Resolution	SD: 576i25, 480i29.97 HD: 1080p-25/30/50/59.94/60 1080i-25, 29.97, 30 720p-50/60 * The maximum output resolution is 1080i30.
Bitrate Control	CBR
Bitrate	800 ~18,000Kbps
GOP Structure	IBBP, IPPP, IBP
GOP Size	6~63
Audio	MPEG-1 Layer II, AC3, AAC
Audio Mode	Stereo (2.0, including downmix) Audio Pass through
Audio Processing	2 x audio services / PIDs
Sampling Rate	48kHz
Power Consumption	Max. 16W



OHE6-HDMI-02C

HDMI	
Input	2 channels via 2 HDMI or 2 component Female connectors (HDMI1.4) CC/Component input via DB15 port
Video	H.264/AVC HD: MP/HP@L4.0, SD: MP/HP@L3.0 MPEG-2 SD: MP @ML HD: MP@HL
Resolution	SD: 576i25, 480i29.97 HD: 1080p-25/30/50/59.94/60 1080i-25, 29.97, 30 720p-50/60 * The maximum output resolution is 1080i30.
Bitrate Control	CBR
Bitrate	1,000~18,000Kbps
GOP Structure	IBBP, IPPP, IBP
GOP Size	6~63
Audio	MPEG-1 Layer II, AC3, AAC
Audio Mode	Stereo (2.0, including downmix) Audio Pass through
Sampling Rate	48kHz
Power Consumption	Max. 16W



OHE6-HDMI-02

HDMI	
Input	2 channels via 2 HDMI Female connectors (HDMI1.4) CC via RCA connector
Video	H.264/AVC HD: MP/HP@L4.0, SD: MP/HP@L3.0 MPEG-2 SD: MP @ML HD: MP@HL
Resolution	SD: 576i25, 480i29.97 HD: 1080p-25/30/50/59.94/60 1080i-25, 29.97, 30 720p-50/60 * The maximum output resolution is 1080i30.
Bitrate Control	CBR
Bitrate	1,000~18,000Kbps
GOP Structure	IBBP, IPPP, IBP
GOP Size	6~63
Audio	MPEG-1 Layer II, AC3, AAC
Audio Mode	Stereo (2.0, including downmix) Audio Pass through
Sampling Rate	48kHz
Power Consumption	Max. 16W

SPECIFICATIONS



OHE6-HDMI-R01

HDMI	
Input	4 channels via 4 HDMI female connectors (HDMI 1.4)
Video	H.264/AVC HD: MP/HP@L4.0 SD: MP/HP@L3.0 MPEG-2 SD: MP@ML
Resolution	SD: 576i25, 480i29.97 HD: 1080p-25/30/50/59.94/60 1080i-25, 29.97, 30 720p-50/60 * Output resolution supports up to 1920 x 1080p30
Bitrate Control	CBR
Video Bitrate	600~12,000Kbps
GOP Structure	IBBP, IPPP, IBP
GOP Size	1-60
Aspect Ratio	Automatic or Manual
Audio	MPEG-1 Layer II, AC3 (optional), AAC (optional)
Audio Bitrate	96~192Kbps
Audio Mode	Stereo (2.0, including downmix)
Audio Sampling Rate	48kHz
Audio Volume Leveling	-20dB~20dB
Power Consumption	Max. 12W



OHE6-HDMI-06

HEVC	
Input	4 channels via 4 HDMI female connector (HDMI 1.4)
Video	H.264/AVC HD: MP/HP@ L4.0/4.1/4.2/5.0/5.1/5.2 H.265/HEVC HD: MP(High Tier)@L4.0/4.1/4.2/5.0/5.1/5.2
Resolution	Input: 1080i-25/29.97/30, 1080P-25/29.97/30/50/59.94/60, 720P-50/59.94/60 Output: 1080P-25/29.97/30/50/59.94/60, 720P-50/59.94/60
Bitrate Control	CBR
Video Bitrate	600Kbps-12Mbps
GOP Structure	IPPP, IBBP
Aspect Ratio	16:9
Audio	MPEG-1 Layer II, AC3 (optional), AAC (optional)
Audio Bitrate	32~192 Kbps
Audio Mode	Stereo
Audio Sampling Rate	48KHz
Audio Volume Leveling	-20dB~20dB
OSD Overlay	2 x Logo/QR code overlay (40 x 40 to 256 x 256) Or 1 x static OSD overlay
Power Consumption	Max.20W

Notes: OHE6-HDMI-06 will forcefully output 4 HD programs with same video resolution which follows the largest video resolution among the input source, SD encoding is not supported. Max output resolution is 1080p60 for 2 channel encoding, 1080p30 for 4 channel encoding



OHE6-CVBS-00

CVBS	
Input	6 channels via 2 DB15 connector each DB15 for 3 channels 2 x RCA-DB15 adaptor cables come along with module
Video	H.264/AVC SD: MP/HP@L3.0 MPEG-2 SD: MP@ML
Resolution	SD: 576i25, 480i29.97
Bitrate Control	CBR
Bitrate	1,000~6,000Kbps
GOP Structure	IBBP, IPPP, IBP
GOP Size	15
Audio	MPEG-1 Layer II
Audio Bitrate	64~384Kbps
Audio Mode	Stereo (2.0, including downmix)
Audio Sampling Rate	48kHz
Audio Volume Leveling	0dB~8dB
Power Consumption	Max. 17W



OHE6-CVBS-03

CVBS	
Interface	2 channels via 2 CVBS CVBS via BNC connector
Video	H.264/AVC SD: MP/HP@L3.0 MPEG-2 SD: MP @ML
Bitrate Control	CBR
Bitrate	800~20,000Kbps
GOP Structure	IBBP, IPPP, IBP
Audio	MPEG-1 Layer II, AC3, AAC
GOP Size	18-48
Resolution	SD: 576i50, 480i59.94
Audio Mode	Stereo (2.0, including downmix)
Sampling Rate	48kHz
Closed Caption Input	Support
Power Consumption	Max. 16W

SPECIFICATIONS



OHE6-CVBS-R01

CVBS	
Input	16 channels via 4 DB15 connectors, each DB15 for 4 channels 4 x RCA-DB15 adaptor cables come along with module
Video	H.264/AVC SD: MP/HP@L3.0
Resolution	SD: 576i25, 480i29.97
Bitrate Control	CBR
Bitrate	600~6,000Kbps
GOP Structure	IPPP
GOP Size	1~60
Audio	MPEG-1 Layer II
Audio Bitrate	32~192Kbps
Audio Mode	Stereo (2.0, including downmix)
Sampling Rate	48kHz
Audio Volume Leveling	-20dB~20dB
OSD Overlay	Text, Image, QR Code
Power Consumption	Max. 18W

* Does NOT support PAL-N



OHP6-IP-00

IP	
Network	1 x Internal port, 100/1000M 3 x External RJ45 ports, 100/1000M
HDMI	1 x HDMI 2.0 port Connect to LCD Monitor
USB	1 x USB 2.0 port Connect to external USB Hub for keyboard/mouse/USB DVD drive
Input Protocols	UDP/RTP/HLS/SRT/RIST/Zixi
Output Protocols	UDP/RTP/SRT/RIST/Zixi
Processing Capability For Typical Applications	Up to 20 Streams/Gateways HLS to UDP – 150mbps of throughput SRT/RIST/ZIXI to UDP – 150mbps of throughput UDP to SRT/RIST/ZIXI – 150mbps of throughput, max 70 sessions
Number of Gateways	Default: 10 Streams/Gateways, UDP/RTP/HLS input, UDP/RTP output Notice: Additional license are required to support more gateways and network protocols
Power Consumption	Max. 16W



OHP6-IP-02

IP	
Ethernet	2 x RJ45, 100/1000Base-T
Input	UDP/RTP via Unicast/Multicast
Output	UDP/RTP via Unicast/Multicast
Channels	DATA 1: 120 input & output DATA 2: 120 input & output
Effective Bitrate	Total bitrate 700Mbps throughput
Power Consumption	Max. 16 W



OHP6-IP-02-SFP

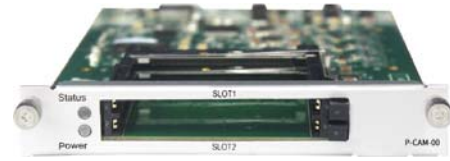
IP	
Ethernet	2 x SFP, 100/1000Base-T
Input	UDP/RTP via Unicast/Multicast
Output	UDP/RTP via Unicast/Multicast
Channels	DATA 1: 120 input & output DATA 2: 120 input & output
Effective Bitrate	Total bitrate 700Mbps throughput
Power Consumption	Max. 16 W

SPECIFICATIONS



OHP6-ASI-00

ASI	
Connector	5 x bidirectional ASI ports, BNC female
Bit rate	500Kbps to 150Mbps
Reception/Transmission mode	Byte mode(Continuous mode)
Packet Length	188 Bytes or 204 Bytes
Working mode	3 ASI input ports, 2 ASI output ports by default, each port can be redefined as ASI input or ASI output port
Multiplexing	Support PSI/SI or PSIP table regeneration PID filtering External PID insertion
Power Consumption	Max. 12 W



OHP6-CAM-00

CI	
Standard	EN 50221
Interface	2 x PCMCIA CI slots
CAM Scrambling	Support Xcrypt CAMCAS
CAM Descrambling	Supports mainstream CAS Descrambled channel quantity depends on CAM capability, 2 CAMs could be different
Power Consumption	Max. 6W



OHP6-EAS-00

EAS	
Input	Digital EAS input (SCTE-18) via 1 x RJ45 port Analogue EAS input via 3PIN contact closure CVBS input via 1 x RCA connector Audio L/R input via 2 x RCA connector TS input via 1 x BNC connector
Video	H.264 SD: MP/HP@L3.0 MPEG-2 SD: MP @ML (By default)
Resolution	SD: 480i/59.94
ASI	500Kbps to 100Mbps
Contact Closure	3PIN Connector with Dry Contact or 5~24V DC input for EAS trigger
RJ45	10/100M Ethernet for SCTE-18 digital EAS input
Bitrate Control	CBR
Bitrate	5,00~8,000Kbps
GOP Structure	IBBP, IPPPP, IBP
GOP Size	6~63
Audio	MPEG-1 Layer II, AC3, AAC
Audio Mode	Stereo (2.0, including downmix)
Sampling Rate	48kHz
Power Consumption	Max. 5.5W



OHP6-EIT-00

Encoding	
Input	DVB-S/S2/S2X/T/T2/C/ISDB-T/DTMB/IP
Output	QAM/OFDM/ISDB-T/DTMB/IP
Standard	DVB standard
Processing Capability	32 TS stream input, 16 TS stream output Up to 100 services depending on the EIT complexity of signal source
Content Processing	Automatic update for Original Network ID, TS ID and Service ID
EIT Table Generation	EIT table with PID 18 will be generated after the processing
TDT/TOT Table	TDT/TOT table with PID 20 will be passed through to the output
EIT Enable/Disable Control	Module Level, TS Level, Service Level
Supported EIT Module in Each Chassis	1
Status Display	Service name and service list Signal source and output module EIT multiplexing success/failure display at service level
Configuration	Configuration can be exported and imported to the module
Software Upgrade	Web-based software upgrade
Log	Support Enable/Disable control, Live logging and log file export
License	License control is available for authorization time control
Management	
Web-based Management	Yes
Power Consumption	Max. 5W

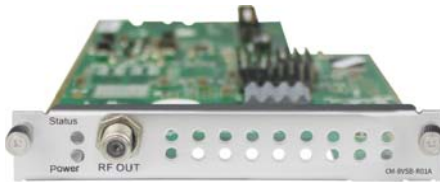
SPECIFICATIONS



OHX6-TXS-00

Physical Ports	
Network	2 x external RJ45 ports, 100/1000M 1 x Internal port, 100/1000M
HDMI	1 x HDMI 1.4 port Connect to LCD Monitor
Audio	
Input Audio format	Mpeg-1 Layer II, AAC 2.0 and 5.1, AC-3 2.0 and 5.1, E-AC3 2.0 and 5.1
Output Audio format	Mpeg-1 Layer II, AAC 2.0 and 5.1, AC-3 2.0 and 5.1, E-AC3 2.0 and 5.1
Audio Process	Up to 4 audio pids per video Pass-through supported
Video	
Input Video Decoding	Video format: Mpeg-2/H.264/H.265 Video resolution: 576i25, 480i29.97, 720P50/60, 1080i25/29.97/30, 1080P25/30/50/59.94/60 Video bitrate: 1 to 40Mbps Network protocol: UDP, RTP, unicast, multicast
Output Video Encoding	Video format: Mpeg-2/H.264/H.265 Video resolution: 576i25, 480i29.97, 720P50/60, 1080i25/29.97/30, 1080P25/30/50/59.94/60 Video bitrate: 1 to 20Mbps Network protocol: UDP, RTP, unicast, multicast
Downscale	HD to SD video resolution
Closed Captions	CEA/EIA-708 Closed Caption passed through
DVB Subtitle	DVB subtitle passed through
Power Consumption	Max. 48W

* Note: OHX6-TXS-00 modules can be installed only in OMNIHUB 6-02/6D-02/6RFX-02.



OHM6-8VSB-R01/R01A

8VSB	
Output	4/8 frequencies via 1 RF female connector 75Ω
Standard	ATSC A/35
Frequency Range	50~860 MHz
Bandwidth	6MHz
Constellation	8VSB
Output Level	Max. 105dBμV
MER	≥40dB
Power Consumption	4CH: Max. 12W; 8CH: Max. 14W



OHM6-QAMA-03

QAMA	
Output	8 agile frequencies via 1 RF female connector 75Ω
Standard	ITU-T J.83 Annex A/C
Frequency Range	47~862MHz, non adjacent
Bandwidth	8MHz
Constellation	16QAM/32QAM/64QAM/128QAM/256QAM
Symbol Rate	3.6~6.9 Ms/s
Output Level	Max. 105dBμV
MER	≥32dB
Power Consumption	8CH: Max. 23W



OHM6-QAMB-03

QAMB	
Output	8 frequencies via 1 RF female connector 75Ω
Standard	ITU-T J.83 Annex B
Frequency Range	47~862MHz, non adjacent
Bandwidth	6/7/8 MHz
Constellation	4QAM/256QAM
Symbol Rate	5.057MBaud: 64QAM 5.361MBaud:256QAM
Output Level	Max. 108dBμV
MER	≥40dB
Power Consumption	Max. 23W

SPECIFICATIONS



OHM6-OFDM-03

OFDM	
Output	8 agile frequencies via 1 RF female connector 75Ω
Standard	ETSI EN 300744
Frequency Range	47~862MHz
Bandwidth	6/7/8MHz
Constellation	QPSK/16QAM/64QAM
Guard Intervals	1/4, 1/8, 1/16, 1/32
FFT Size	2K, 8K
Code Rates	1/2, 2/3, 3/4, 5/6, 7/8
Output Level	Max. 105dBμV
MER	≥32dB
Power Consumption	8CH: Max. 27W



OHM6-QAMB-R00

QAM	
Output	16 agile frequencies via 1 RF female connector 75Ω
1 x RJ45	Reserved for scrambling
Standard	ITU-T J.83 Annex B
Frequency Range	47~862MHz
Bandwidth	6MHz
Constellation	64QAM/256QAM
Symbol Rate	3.6~6.9Ms/s
Output Level	Max. 106dBμV
MER	>40dB
Power Consumption	Max. 28W



OHM6-QAMA/B-02

IQAM	
IP input	2x100/1000Mbps ports
IP Encapsulation	MPEG TS over UDP/RTP
MPEG TS	MPTS and SPTS
I/O Processing	Up to 512 channels either via 2xGbE input
Addressing	Unicast and multicast
IGMP Version	IGMP v2, IGMP v3
QAM Output	
Output	1xRF port, max 16/32 agile channels QAM modulation
Standard	ITU-T J.83 Annex A/B/C
QAM Constellation	64/256 QAM, configurable for each frequency
Symbol Rate	3.6~7Mbauds
Output Level	90dBuV~115dBuV according to modulation frequency quantity
Output Range	57~858MHz
Bandwidth	6/7/8MHz
MER	≥43dB (equalized)
PCR Correction	Support
Multiplexing	
Table Supported	SI/PSI
PID Processing	Pass-through, remapping, filtering
EIT Processing	Pass-through
External Data	EPG, PID and SI insertion
Scrambling	
Interface	1x100/1000 Mbps port
Scrambling Algorithms	CSA
SCS	Internal
CAS Connections	Up to 4 different CA systems
Supported CAS	Support major CA systems
Max. TS rate	1.6Gbps
EMM Bitrate	Up to 3Mbps
Power Consumption	Max. 45W

SPECIFICATIONS



OHM6-ISDB-T-03

ISDB-T	
Output	8 agile frequencies via 1 RF female connector, 75Ω
Standard	ETSI EN 300744
Frequency Range	47-862MHz
Bandwidth	6MHz
Constellation	QPSK, 16QAM, 64QAM
Transmission Mode	2K
RS Code	RS(204.188)
FEC	1/2, 2/3, 3/4, 5/6, 7/8
Guard Interval	1/4, 1/8, 1/16, 1/32
Hierarchy Mode	Layer A
Segment Mode	Full Seg
Output Level	Max. 105dBμV
MER	≥42dB
Power Consumption	Max. 23W

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