

UFOprolite

COMPACT PLATFORM

The UFOprolite is Kathrein's cost-effective and compact headend platform for the next generation of hospitality TV applications. The UFOprolite product family offers up to 16x DVB-S/S2/S2X input signals in reception. The signals are converted to DVB-C, DVB-T, additionally the input signals can be converted to DVB-IP. The advanced architecture is designed to save space, energy and resources and to meet all the requirements that a network with full hospitality may have.

APPLICATIONS

- Hospitality TV Systems
- Hotel TV
- DVB-C SMATV Headend
- Multi Subscriber Apartments (MDUs)
Satellite and Cable Operator Networks

HIGHLIGHTS

All in One Platform

Large selection of Output options
DVB-C, DVB-T, DVB-IP for delivering TV and rich media experience.

Compact Chassis

1RU mechanical housing with Fixed input/ output configuration.

Future Proof Technologies

Built-in IP module to be used as IPTV Streamer
up to 128 outputs via 1 Gigabit RJ45 ports.

Easy Installation | Centralized Management

Intuitive and advanced web interface for local and remote management. PID and LCN functions for central service management.

> UFO 120/16 | 206500030

> Features

- Compact Transmodulator DVB-C
- Input 16 channel DVB-S/S2/S2x FTA
- Output: 16 channel DVB-C | DVB-IP (128 Streams)
- Setup via web interface

> Technical Data

Head Unit		
Head Unit		Fixed Setup
Input/Output		2x RJ45 (Gigabit Ethernet) 1x Data (OUT)/1x MGMT
Protocol		UDP/RTP
IP services		ARP, Ping
Transmission type		Unicast/Multicast
Transport stream		128x SPTS output
Sat-IF input		16x F connectors, 75 Ω
Compliance	DVB-S/S2/S2X	EN 300 421 / EN 302 307-1V1.4.1 / EN 302 307-2V1.1.1
Symbol rate	MS/s	1-45
QAM Output		1x F connectors, 75 Ω
Frequency range	MHz	47-862
Output level	dBμV	max. 106
Bandwidth	MHz	6/7/8
Number of Output channels		16 flexibly configurable
Compliance		ITU-T J.83 Annex A/B/C
Modulations-Standards	QAM	6/32/64/128/256
Symbol rate	MS/s	3.6-6.9
MER	dB	> 40dB
System Data		
System Setup		Webinterface
Power Supply	W	t.b.d
Input Voltage	V/AC	100-240
Operating Temperature	°C	0-50
Operating Humidity	%	< 95
Weight	kg	t.b.d
Dimension	mm (WxHxD)	482,6 x 44,5 x 435 1RU

0523/Datasheet_GB | Any previous data sheet issues have now become invalid. | Subject to change.

> UFO 130/16 | 206500031

> Features

- Compact Transmodulator DVB-T
- Input 16 channel DVB-S/S2/S2x FTA
- Output: 16 channel DVB-T | DVB-IP (128 Streams)
- Setup via web interface

> Technical Data

Head Unit		
Comact		Fixed Setup
Input/Output		2x RJ45 (Gigabit Ethernet) 1x Data (OUT)/1x MGMT
Protocol		UDP/RTP
IP services		ARP, Ping
Transmission type		Unicast/Multicast
Transport stream		128x SPTS output
Sat-IF input		16x F connectors, 75 Ω
Compliance	DVB-S/S2/S2X	EN 300 421 / EN 302 307-1V1.4.1 / EN 302 307-2V1.1.1
Symbol rate	MS/s	1-45
COFDM Output		1x F connectors, 75 Ω
Frequency range	MHz	47-862
Output level	dBμV	max. 105 dBμV
Bandwidth	MHz	6/7/8
Number of Output channels		16 flexibly configurable
Compliance		ETSI EN 300744
Modulations-Standards	QAM	16/64/QPSK
Symbol rate	MS/s	3.6-6.9
MER	dB	> 42dB
System Data		
System Setup		Webinterface
Power Supply	W	t.b.d
Input Voltage	V/AC	100-240
Operating Temperature	°C	0-50
Operating Humidity	%	< 95
Weight	kg	t.b.d
Dimension	mm (WxHxD)	482,6 x 44,5 x 435 1RU

> UFO 140/16 | 206500032

> Features

- Compact IPTV Streamer
- Input 16 channel DVB-S/S2/S2x FTA
- Output: DVB-IP (128 Streams)
- Setup via web interface

> Technical Data

Head Unit		
Head Unit		Fixed Setup
Input/Output		2x RJ45 (Gigabit Ethernet) 1x Data (OUT)/1x MGMT
Protocol		UDP/RTP
IP services		ARP, Ping
Transmission type		Unicast/Multicast
Transport stream		128x SPTS output
System Data		
Power Supply	W	t.b.d
Input Voltage	V/AC	100–240
Operating Temperature	°C	0–50
Operating Humidity	%	< 95
Weight	kg	t.b.d
Dimension	mm (WxHxD)	482,6 x 44,5 x 435 1RU

> UFO 120/8 | 206500039

> Features

- Compact Transmodulator output selectable via Webinterface (DVB-C/DVB-T)
- Input 8 channel DVB-S/S2/S2x FTA
- Output: 8 channel DVB-C or DVB-T | DVB-IP (128 Streams)
- Setup via web interface

> Technical Data

Head Unit		
Head Unit		Fixed Setup
Input/Output		2x RJ45 (Gigabit Ethernet) 1x Data (OUT)/1x MGMT
Protocol		UDP/RTP
IP services		ARP, Ping
Transmission type		Unicast/Multicast
Transport stream		128x SPTS output
Sat-IF input		8x F connectors, 75 Ω
Compliance	DVB-S/S2/S2X	EN 300 421 / EN 302 307-1V1.4.1 / EN 302 307-2V1.1.1
Symbol rate	MS/s	1-45
QAM or COFDM Output		1x F connectors, 75 Ω
Frequency range	MHz	47-862
Output level DVB-C	dBμV	max. 106
Bandwidth	MHz	6/7/8
Compliance		ITU-T J.83 Annex A/B/C
Modulations-Standards DVB-C	QAM	6/32/64/128/256
Symbol rate	MS/s	3.6-6.9
MER DVB-C	dB	> 40dB
Output level DVB-T	dBμV	max. 105 dBμV
Compliance		ETSI EN 300744
Modulations Standard DVB-T	QAM	16/64/QPSK
Bandwidth	MHz	6/7/8
MER DVB-T	dB	> 42dB
Number of Output channels		8 flexibly configurable
System Data		
System Setup		Webinterface
Power Supply	W	t.b.d
Input Voltage	V/AC	100-240
Operating Temperature	°C	0-50
Operating Humidity	%	< 95
Weight	kg	t.b.d
Dimension	mm (WxHxD)	482,6 x 44,5 x 435 1RU

> UFO 120/8 CI | 206500040

> Features

- Compact Transmodulator output selectable via Webinterface (DVB-C/DVB-T)
- Input 8 channel DVB-S/S2/S2x FTA
- Output: 8 channel DVB-C or DVB-T | DVB-IP (128 Streams)
- 4 PCMCIA CI Slots
- Setup via web interface

> Technical Data

Head Unit		
Head Unit		Fixed Setup
Input/Output		2x RJ45 (Gigabit Ethernet) 1x Data (OUT)/1x MGMT
Protocol		UDP/RTP
IP services		ARP, Ping
Transmission type		Unicast/Multicast
Transport stream		128x SPTS output
Sat-IF input		8x F connectors, 75 Ω
Compliance	DVB-S/S2/S2X	EN 300 421 / EN 302 307-1V1.4.1 / EN 302 307-2V1.1.1
Symbol rate	MS/s	1-45
QAM or COFDM Output		1x F connectors, 75 Ω
Frequency range	MHz	47-862
Output level DVB-C	dBμV	max. 106
Bandwidth	MHz	6/7/8
Compliance		ITU-T J.83 Annex A/B/C
Modulations-Standards DVB-C	QAM	6/32/64/128/256
Symbol rate	MS/s	3.6-6.9
MER DVB-C	dB	> 40dB
Output level DVB-T	dBμV	max. 105 dBμV
Compliance		ETSI EN 300744
Modulations Standard DVB-T	QAM	16/64/QPSK
Bandwidth	MHz	6/7/8
MER DVB-T	dB	> 42dB
Number of Output channels		8 flexibly configurable
CI CAM		4 PCMCIA CI Slots
System Data		
System Setup		Webinterface
Power Supply	W	t.b.d
Input Voltage	V/AC	100-240
Operating Temperature	°C	0-50
Operating Humidity	%	< 95
Weight	kg	t.b.d
Dimension	mm (WxHxD)	482,6 x 44,5 x 435 1RU