

LEMCO®

DIGITAL TV SOLUTIONS



micro
line

MLC-200

2xDVB-S/S2/T/T2/C + 2xFlexCAM to IP

Features

- ▄ 2 x independent multi-standard inputs DVB-S/S2/T/T2/C
- ▄ Gbit IP streaming (up to 64 x SPTS / 4 x MPTS)
- ▄ 2 x FlexCAM
- ▄ Dual power supplies offering redundancy mode
- ▄ Local or remote control via webserver
- ▄ Very friendly user interface
- ▄ Wall or rack mount options
- ▄ SNMP v2
- ▄ Ultra-compact size
- ▄ 5-year warranty

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MLC-200

2xDVB-S/S2/T/T2/C + 2xFlexCAM to IP



- ◆ The MLC-200 is a very powerful, all-in-one mini headend device, able to receive up to 2 independent satellite (DVB-S/S2), terrestrial (DVB-T/T2) or cable (DVB-C) signals with 2x CI interfaces and convert them in IPTV streaming using UDP/RTP protocols multicast/unicast.
- ◆ The embedded web server of the MLC-200 provides a very friendly user interface as well as the ability of remote or local control of the device via LAN.
- ◆ Its small size and its powerful features render the MLC-200 the ideal solution in case we want to distribute FTA (Free-To-Air) or scrambled TV programs coming from satellite (DVB-S/S2), terrestrial (DVB-T/T2) or cable (DVB-C) sources to a CATV installation using IPTV technology.

Technical Specifications

Input

Type	2 x DVB-S/S2/T/T2/C
Frequencies	950...2150 MHz DVB-S/S2 118...900 MHz DVB-T/T2/C
Connector	75Ω - F, female
Descrambling	Yes, Accepts 2 x universal CAM capable of connecting either on input or output

LNB

Voltage	OFF / 13V / 18V
Current	Less than 400mA
22 kHz signal	On / Off
22 kHz signal - Voltage	0.65V ±0.35V
22 kHz signal - Frequency	22 KHz ±4Hz
22 kHz signal - DiSEqC	1.0 (Port A, B, C, D)

DVB-S (IN)

Symbol rate	1 - 45 MBaud
Roll off factor	0.2, 0.25, 0.35
Code rate	1/2, 2/3, 3/4, 5/6, 7/8 (Automatic)
Spectral inversion	Reverse, Non-reverse (Automatic)

DVB-S2 (IN)

Constellation	QPSK, 8PSK (Automatic)
Symbol rate	1 - 55 MBaud (QPSK) 1 - 45 MBaud (8PSK)
Roll off factor	0.2, 0.25, 0.35 (Automatic)
Code rate	1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 8/9, 8/10 (QPSK-Automatic) 3/5, 2/3, 3/4, 5/6, 8/9, 9/10 (8PSK-Automatic)
Spectral inversion	Reverse, Non-reverse (Automatic)

DVB-T (IN)

Bandwidth	6, 7, 8 MHz
Mode	2K, 8K
Constellation	QPSK, 16QAM, 64QAM
Guard interval	1/4, 1/8, 1/16, 1/32
Code rate	1/2, 2/3, 3/4, 5/6, 7/8

DVB-T2 (IN)

Bandwidth	5, 6, 7, 8 MHz
Mode	1K, 2K, 4K, 8K, 16K, 32K (Included extended mode)
Constellation	QPSK, 16QAM, 64QAM, 256QAM
Code rate	1/2, 3/5, 2/3, 3/4, 4/5, 5/6

DVB-C (Annex A,B,C) (IN)

Bandwidth	5, 6, 7, 8 MHz
Mode	Automatic modulation detection
Constellation	16QAM, 32QAM, 64QAM, 128QAM, 256QAM

IP Streaming

IP TS Out	Yes
Protocol	UDP / RTP (Multicast/Unicast)
Speed	1 Gbit
IGMP support	Yes, v2, v3
Type	MPTS (up to 4 TS) SPTS (up to 64TS)
Max. bitrate	480Mbps max.

Programming Interface

Ethernet webserver	Yes, embedded webserver
Speed	10/100 Mbps
Connector	RJ45
Browser compatibility	Chrome, Firefox, Safari, Opera, Edge et al.

General

Power supply	2 x +12VDC
Power supply consumption	1.4A max.
Operating temperature	0 °C to 40 °C
Storage temperature	-10 °C to +70 °C
Humidity	Up to 90%
Dimensions	235 x 115 x 48 mm
Weight	450 g



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