

# Micro Line

## MLC-201

2 x DVB-S/S2/S2X + 2 x FlexCAM to IP



Leading the signal  
all over the world

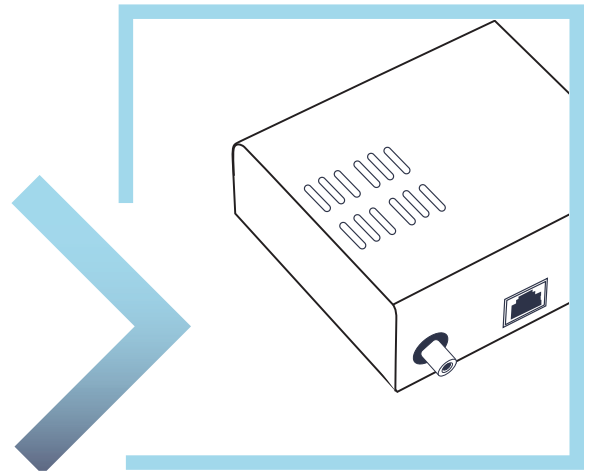


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The MLC-201 is a very powerful, all-in-one device, able to receive up to two (2) independent satellite (DVB-S/S2/S2X), signals supporting multistream reception and convert them in IPTV streaming using UDP/RTP protocols multicast/unicast. The MLC-201 supports two (2) CI interfaces, using FlexCAM technology, to be able to descramble any TV content by using the appropriate CAM (Conditional Access Module). Moreover, it supports "pool" technology, meaning that the user is able to select any program from any of the two (2) inputs and assign it to any of the four (4) IP outputs providing great flexibility.

The embedded web server of the MLC-201 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-201 the ideal solution in cases we want to distribute FTA (Free-To-Air) or scrambled TV programs coming from satellite (DVB-S/S2/S2X) sources to a CATV installation using IP technology.



## Features

- 2 x independent multi-standard inputs DVB-S/S2/S2X
- Multi-stream support
- 2x CI interfaces using FlexCAM technology
- Gbit IP streaming (up to 64 x SPTS / 4 x MPTS)
- "Pool" technology
- Dual power supplies offering redundancy mode
- PID Filtering
- Local or remote control via webserver
- Very friendly user interface
- Wall or rack mount options
- Ultra-compact size
- 5year warranty



## 2 x DVB-S/S2/S2X + 2 x FlexCAM to IP

# MLC-201

### Technical Specifications



#### Input Specifications

Input	
Type	2 x DVB-S/S2/S2X
Frequencies	950...2150 MHz
Connector	75Ω - F, female

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

DVB-S	
Standard	EN 300-421 V1.1.2
Symbol Rate	1 - 55 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	
Standard	EN 307-421 V1.2.1
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-S2X	
Standard	EN302 307-1 V1.4.1
Constellation	QPSK, 8PSK (automatic)
Symbol rate	1 - 45 MBaud (QPSK) 1 - 30 MBaud (8PSK)
Roll off factor	Anó 0.05 to 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)

#### Output Specifications

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

Programming Interface	
Ethernet webserver	Yes, embedded webserver
Speed	10/100 Mbps
Connector	RJ45
Browser compatibility	Chrome, Firefox, Safari, Opera, Edge etc. (Must support HTML v5.0)

EAN-13	
Code	5213009760157

General	
Power Supply	2 x +12VDC
Power supply consumption	1.8A 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	0.45 Kg

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