



- ✓ MULTIRECEIVER (S/S2, T/T2, C, IPTV)
- ✓ PAL OUTPUT INCLUDING NICAM/A2/A2*
- ✓ HD TO SD DOWNSCALING
- ✓ NDS / VIASAT APPROVED
- ✓ EASY-TO-USE WEB INTERFACE
- ✓ LOW ENERGY CONSUMPTION



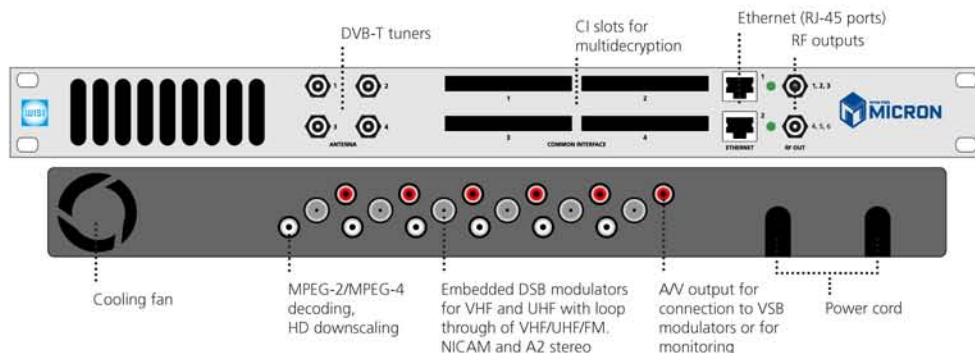
THE MULTI MINI HEADEND

The MyM Pro MICRON is a micro headend solution where ease of use, cost efficiency and performance are essential parameters. It is suited for small SMATV networks such as small hotels, sports bars, B&B's and other hospitality services, where high quality is required without compromising usability.

The MyM Pro MICRON comes in two different versions to best fit your specific needs. The MyM Pro MICRON 6 can receive services from DVB-S/S2, T/T2, C and IPTV, decode

the services into analogue format, decrypt if encrypted from source, and output up to six analogue channels. The MyM Pro MICRON 3 can output three channels.

The setup is simple through the embedded web server and graphical user interface, which is easy and intuitive to use. Standard web browsers (Explorer, Mozilla etc.) are supported. The MyM Pro MICRON is NDS approved, which means that we continue the important tradition to create top quality products.



TECHNICAL INFORMATION

Multi Standard Tuners

MyM Pro MICRON 6	4 individually selectable tuners* 4 Type F female, 75 Ω connectors
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* Available modes as described adjacently.

DVB-S/S2 Satellite Receivers

Input frequency	925 – 2175 MHz
Input level	-65 to -25 dBm
Symbol rates	1.0 – 45 Mbaud (max 100 Mbit/s)
Spectral inversion	Yes, selectable
LNB voltage	Auto, Off or 13/18V, programmable
22kHz to LNB	Auto, On or Off, programmable
DVB compliance	DVB-S (EN 300 421) DVB-S2 (EN 302 307)
DiSEqC	Supporting control of up to 4 sat. sources

DVB-T/T2 Terrestrial Receivers

Input frequency	43 – 1002 MHz
Input level (DVB-T)	-70 to -30 dBm ¹⁾
Input level (DVB-T2)	-70 to -30 dBm ²⁾
Bandwidth (DVB-T)	6/7/8 MHz
Bandwidth (DVB-T2)	5/6/7/8 MHz
DVB compliance	DVB-T (EN 300 744) DVB-T2 (ETSI EN 302 755)

¹⁾ QEF reception with test signal: 8k, 64 QAM, 1/4 guard interval, 2/3 FEC

²⁾ QEF reception with test signal: 32k, 256-R QAM, 1/16 guard interval, 64k LPDC, code rate 2/3, PP4, BW-8MHz, SISO

DVB-C Cable Receivers

Input frequency	43 – 1002 MHz
Input level	-60 to -30 dBm ¹⁾
Bandwidth	8 MHz
Symbol rate	1 – 7.2 Mbaud
DVB compliance	DVB-C (EN 300 429 / ITU J.83 Annex A/C)

¹⁾ QEF reception with test signal: 64 QAM, C/N 26dB

IPTV Receivers

IPTS receiver interface	2 IPTS receiver interfaces
Connectors	2 RJ45 10/100Base-T/Tx connectors*
Capacity per receiver	1MPTS or 1- 6 SPTS(CBR or VBR)
Total capacity per receiver	< 45 Mbit*

* Shared with control. Simultaneous control traffic reduces the receiver capacity correspondingly.

MPEG Decoder – Video / Audio

Supported formats video	MPEG-2 MP@ML, MPEG-2 MP@HL, up to MPEG-4 H.264 AVC, HIP level 4
Supported formats audio	MPEG-1 layer II, HE-AAC Dolby Digital AC-3
Aspect Ratio	Letterbox, Par/Scan, or conversion combined (14:9) programmable, WSS
Teletext Subtitling	Teletext or DVB subtitling

Decryption interfaces

MyM Pro MICRON 6	4 Common interface slots
Multidecryption	Yes

RF Modulators

Number of modulators	6 output channels
Modulation standards	PAL B/G, I, D/K, SECAM, Double side band
Modulation audio	FM mono, NICAM stereo, A2/A2* stereo
Channel frequency	160 – 862 MHz
Connectors	2 Type F female, 75 Ω connectors
Level	Typ. 80 dBμV, fixed

Miscellaneous

Setup	Web based GUI
Operating temperature	0 to +45°C non condensing
Dimensions	383x220x44 mm (excluding connectors)
Weight	Approximately 3.2 kg

Power requirements

Power supply	94-264VAC, 50/60 Hz
MyM Pro MICRON 6	Power consumption Typ. 36 W Dual Europlug (CEE 7/16) Split power supply design, not fully redundant. Three output channels operate per plug.



MyM Pro MICRON 3 also available