

...the broadest narrowband money can buy



MRouter

MRouters are special industrial computers which are included in the MORSE system in places where it is necessary to communicate between several independent IP networks with physically separated Ethernet interfaces or in cases where it is necessary to boost the hardware of other MORSE equipment (computing power, number and type of interfaces) or their firmware (special protocols and applications).

It is found primarily in MORSE network centres.



Typical areas of use

- Connection to **many IP lines** from the centre of MORSE network
- For extending possibilities at end points of MORSE networks where there is a need to implement demanding protocols and applications
- Device for MRemote – remote access to the MORSE network

Benefits

- Integrated tools for administration
- Easy to control and use
- OS Linux
 - **Zero costs** for acquiring an operating system
 - Stability
 - Public access to detailed documentation
 - **Access to source code** with the option to modify it
 - Standard diagnostic and configuration tools for Linux

Description

MRouter-A2

Allows communication via two independent and isolated Ethernet interfaces. One of these interfaces is fitted with 4 RJ45 connectors which are interconnected via a 100Mb switch. MRouter-A is designed with emphasis on minimum dimensions whilst maintaining the possibility to be mounted on a DIN rail.

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Technical parameters

	MRouter-A2
Processor	333 MHz
FLASH	16 MB
RAM	32 MB
Hard disk	1 GB compact flash (optional)
Independent Ethernet interfaces	2 (ETH1 has 4 inputs inside connected via a switch)
MTBF (mean time between failures)	> 100,000 hours
Supply voltage	typically 13.8 V DC (10–16 V)
Energy consumption	0.25 A
Operating temperature range	-25 to +55 °C
Dimensions	192 × 36 × 106 mm
Weight	0.6 kg