

Metra Repeater 8

Technical Data Sheet

Manufacturer:	Metra inženiring d.o.o. IOC Trzin Špruha 19 SI-1236 Trzin, Slovenia	phone: +386 1 56 10 740 fax: +386 1 56 10 744 web: www.metra.si
Trade Mark:	Metra MEW System	
Model/Type ref.:	Metra Repeater 8	
Part Number:	1990	
Product Code:	ANTR8_001	
Year of Construction:	2019 - 2020	

1. PRODUCT DESCRIPTION

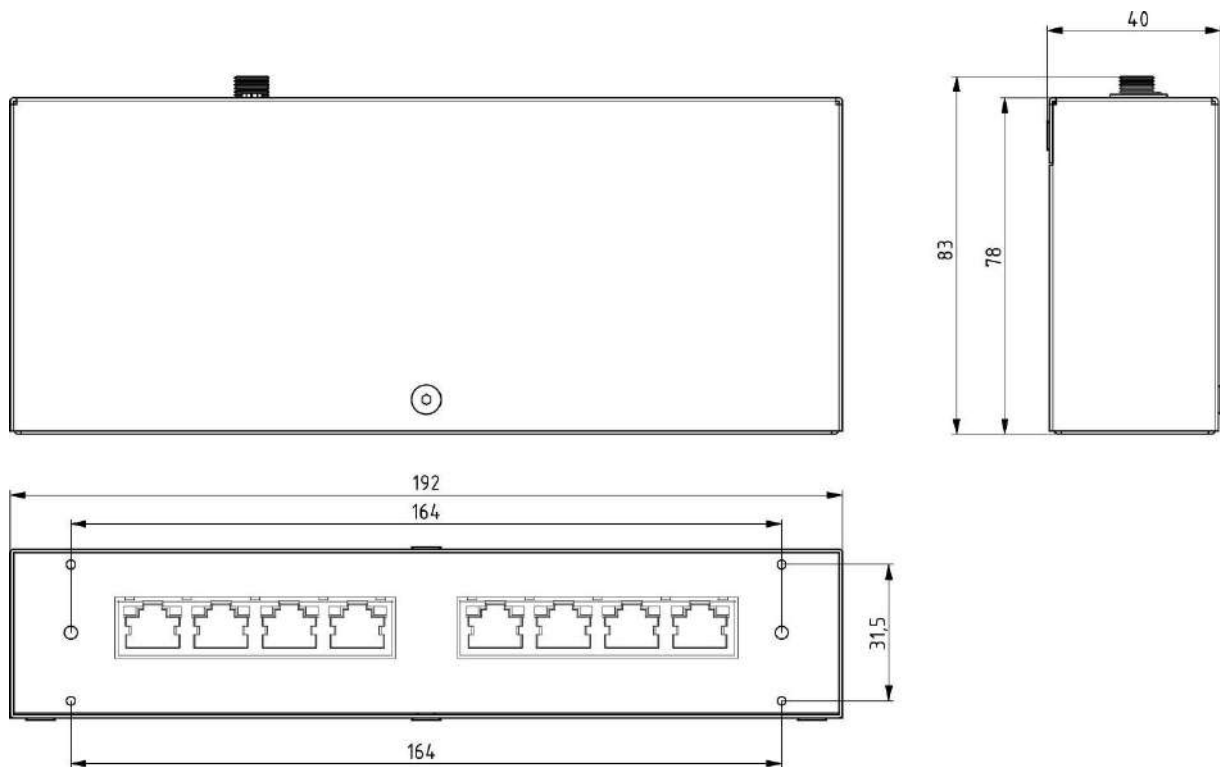


Metra Repeater 8 is a device that amplifies CAN physical signals to achieve complex networking topologies or longer networking cable lengths.

It is used to join 8 cable segments of the "Metra NET Network". It acts as CAN hub. Each of the eight CAN connections has the physical behaviour of a single bus node. Metra Repeater 8 has 8 external RJ-45 connectors: IN line is connected to Metra Network Controller side, seven OUT lines are each Trunk line for connecting Metra Devices and can be each up to 1000 meters long terminated at far end with Network Terminator 120 (the other side is terminated inside Network Repeater on each OUT line). Up to 60 Metra Devices can be connected to one Metra Network Controller. It is useful for complex network topologies (star topologies) where several cables join at the single point. Each CAN channel is provided with a LED indicating that this channel has originated a CAN message or this line has error. Where CAN signals have to be transmitted over long distances, Metra Repeater 8 can be used for signal amplifying and conditioning. Metra Repeater 8 has capability to isolate corrupted port not to endangers other working ports. It is signalled with red LED on that particular port.

Metra Repeater 8 needs Power Supply 12 V DC to operate properly which is included in the product package.

2. TECHNICAL DATA



Operating voltage: 12V DC regulated (11.5 – 15V DC tolerated)

Current consumption: 0,75 A

Power consumption: 216 Wh/day

Operating temperature range: 0°C up to +50°C

Visual LED signalization: (7 + 1) x Metra NET Network,

Dimensions in mm (w/h/l): 192 / 40 / 83

Connectors: 1 x Power,
1 x Metra NET Network - Input,
7 x Metra NET Network - Output