

Metra RACK

Technical Data Sheet

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Trade Mark	Metra MEW System	
Model/Type ref.:	Metra RACK	
Part number:	1708	
Product Code:	NMR	
Year of Construction:	2019 - 2020	

1. PRODUCT DESCRIPTION



“Metra Rack” is a device that incorporates multiple MetraNET Network components into one housing. It is a protocol converter/link between a MetraNET Network (CAN) and a computer LAN network (TCP/IP). It enables communication between MetraNET devices distributed over up to 8 trunk lines and “Metra Server Software” installed on the Server computer in the same LAN network.

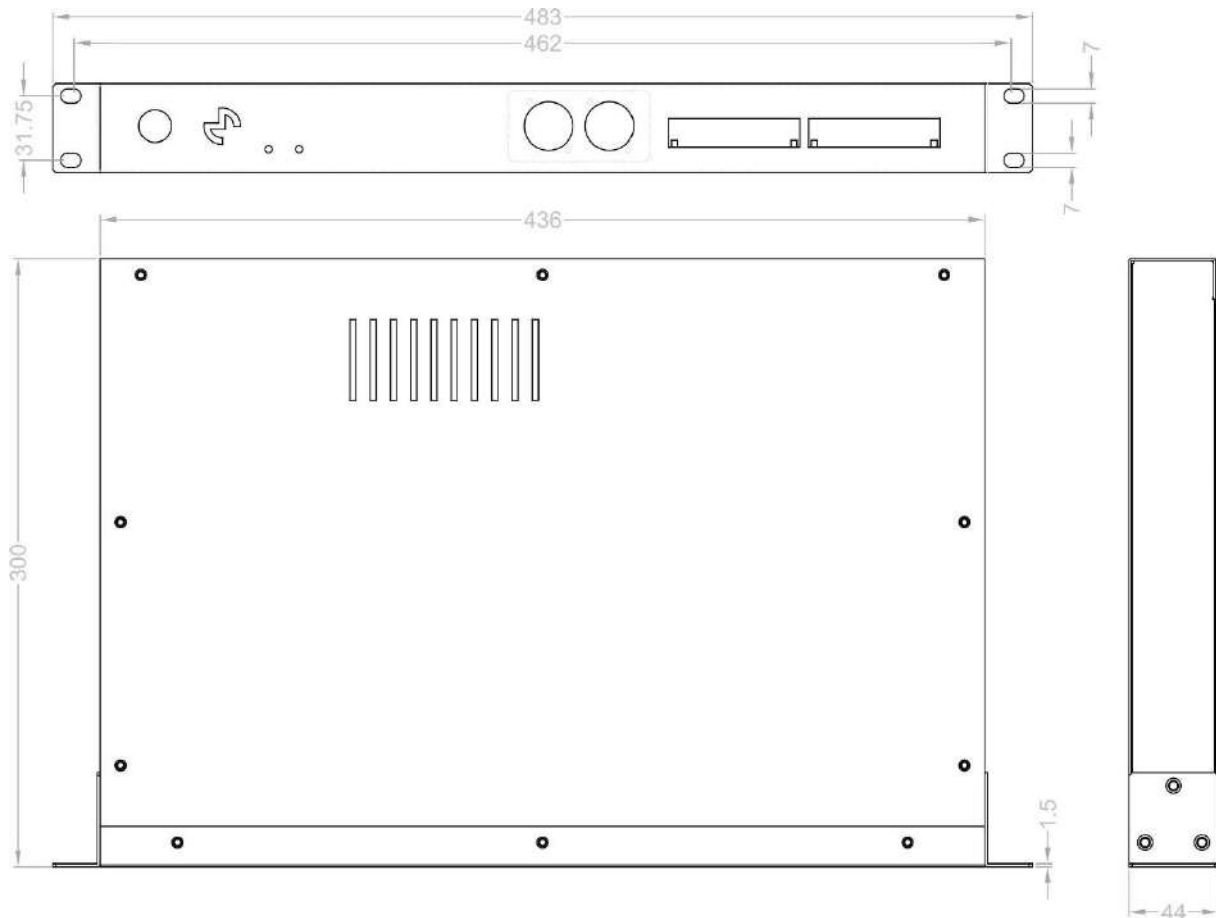
All trunk lines together can support up to 60 MetraNET devices (such as Locker Controllers, etc...) and each can be up to 1000 m long. If more than 60 devices are used in a system several separate networks are controlled by “Metra Racks” which are all connected to the same LAN network.

Metra Rack is optionally equipped with “Metra Real-Time Clock” module to ensure proper operation of the Off-Line Metra systems.

“Metra Rack” is primary designed for mounting into 19” server rack, but also can be used as standalone desktop device. At the back side it has fused 230 VAC socket connected with integrated AC/DC power supply.

In the front side beside power button there is power indicating blue Metra sign and two programmable Function push buttons F1 and F2. Further it has one LAN port internally connected to “Metra Network Controller” and 8 Metra NET (CAN) ports (“Metra Repeater 8”).

2. TECHNICAL DATA



Operating voltage	100-240 V~ (±10%)
Frequency	50/60 Hz
Operating current	Typ. 0,15 A
Fuse	F2H250; 5 x 20 mm
Power consumption	Typ. 13W; Max. 100 W
Operating temperature range	0 to +70 °C
Operating relative humidity range	10% to 80% non-condensing
Visual signalization	Power-ON LED and LAN/CAN Rx Tx LED signalization
Connectors	1x RJ-45 (LAN), 8xRJ-45 MetraNET (CAN)
Dimensions in mm (w/h/d)	300/436/44