

GARDEROS.

R-7700 Series

RUGGEDISED ROUTER

for installation in substations, outdoor-cabinets and vehicles

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R-7700 Series: Hardware features

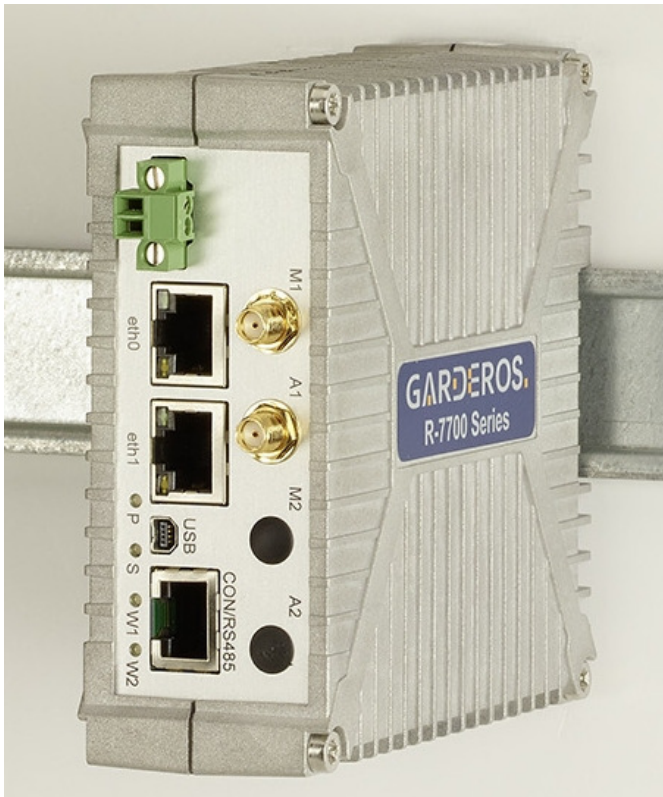
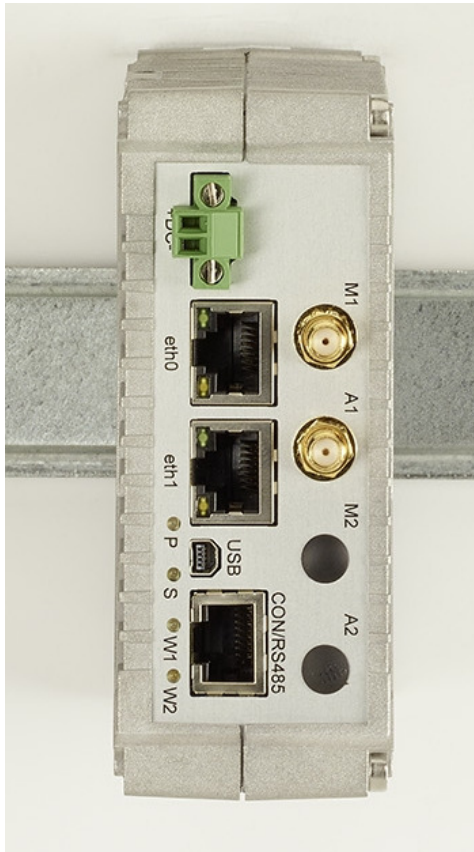


figure: Garderos R-7728 (2x LAN/4G)

- compact IP40 Aluminum pressure die-casting housing for DIN H-rail mounting
- housing dimensions: ~ 44,5x110x115mm (small version), ~ 80,5x111x116mm (wide version for xDSL types)
- mounting: integrated H-rail-Clip or extra mounting bracket
- Extended temperature range: -40 °C to +75 °C
- wide range of input voltages: 12 to 60 VDC
- Low power consumption: ~4 to 15 W
- 2x 10/100/1000BaseT Ethernet (opt. 3x), 1x RS-232 Konsole, 1x USB 2.0 Mini-B Host (opt.)
- “Dual radio” – supports two radio modules simultaneous
- broad range of different assembly variants:
 - radio modules: 2G/3G, 2G/3G/4G, CDMA450, LTE450
 - WiFi modules: 802.11n a/b/g or 802.11n b/g
 - xDSL-Modem: ADSL2+ B/J, VDSL2 B und Vectoring
- Performant CPU: 800MHz (opt. 1,2Ghz Dual Core) and 256 MB DDR3 RAM
- On board SLC NAND FLASH 256 MB
- Hardware Watchdog (integrated Microcontroller)

R-7700 Series, small version:
Standard mounting position (IP40)

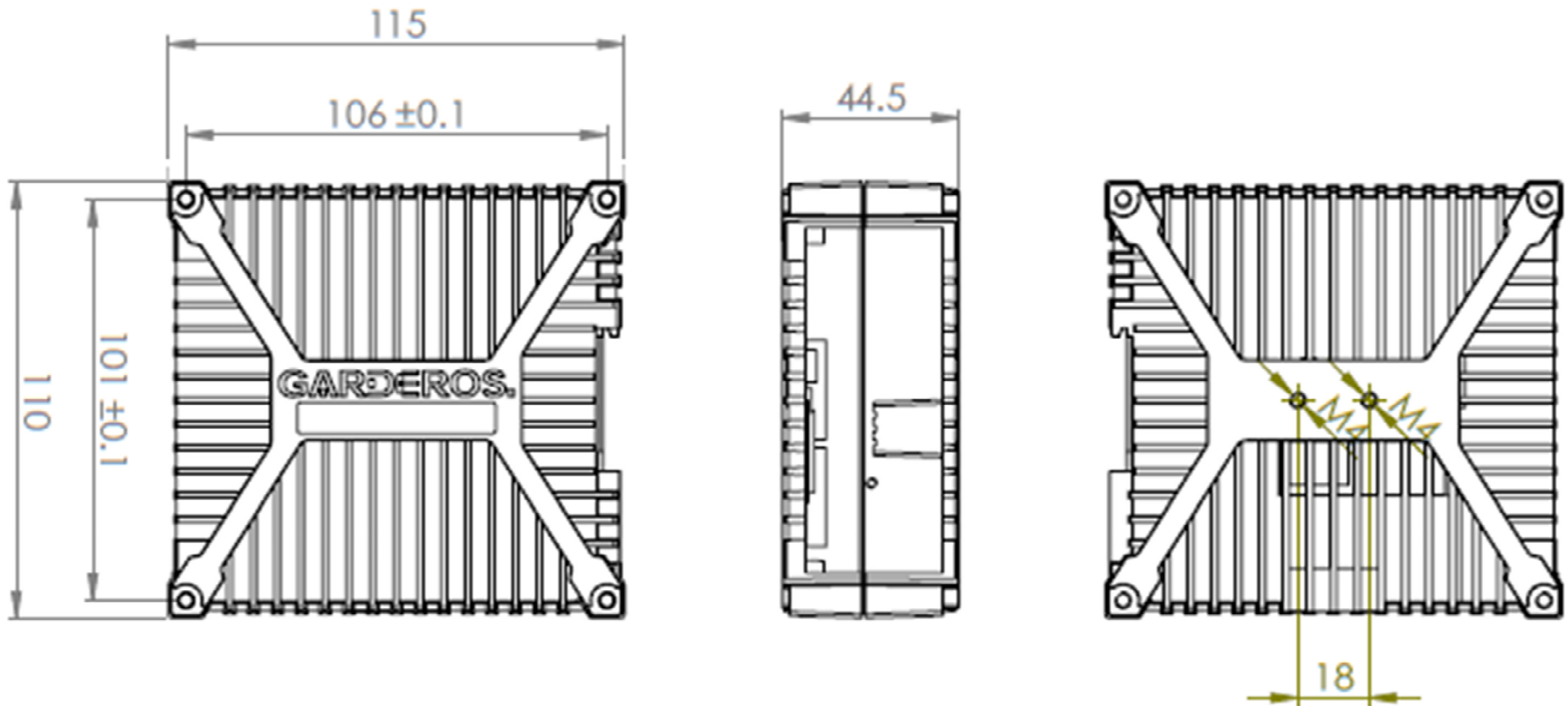


mounting on H-rail with integrated H-rail clip.



rear side: view of the integrated H-rail clip.

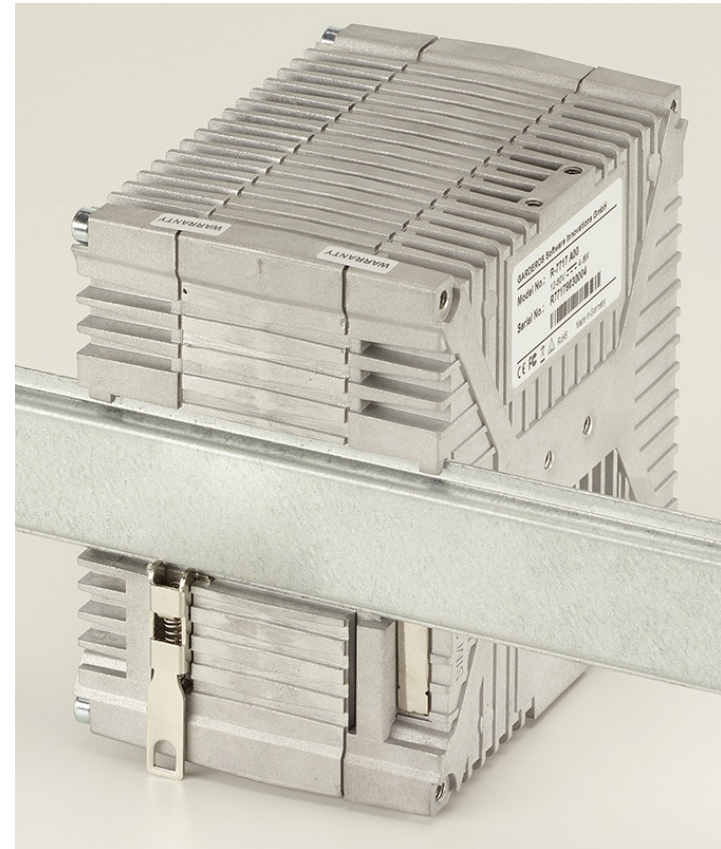
R-7700 Series: Dimensions – router (small version)
-> ~ 44,5x110x115mm (WxHxD)



R-7700 Series, wide version for xDSL types: Standard mounting position (IP40)



mounting on H-rail with integrated
H-rail clip



rear side: view of the integrated
H-rail clip.

R-7700 Series: Dimensions – router (wide version for xDSL types)
-> ~ 80,5x111x116mm (WxHxD)

