

GARDEROS.

R-2700 Series

RUGGEDISED ROUTER

for installation in street light poles and vehicles

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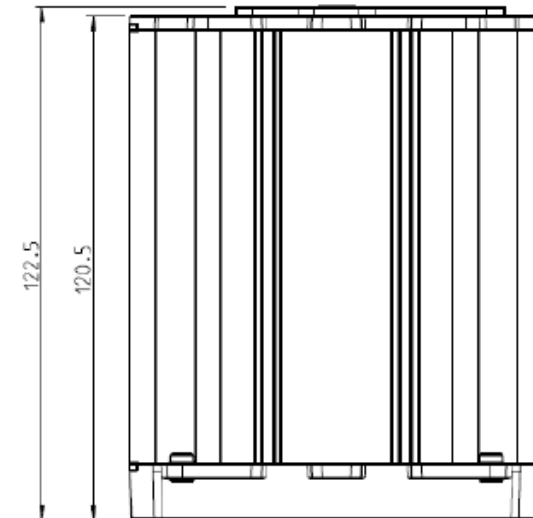
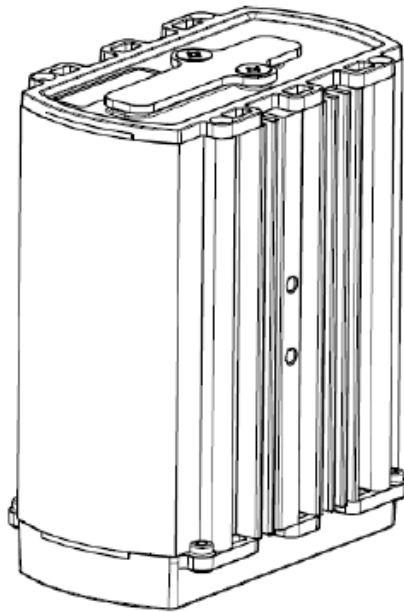
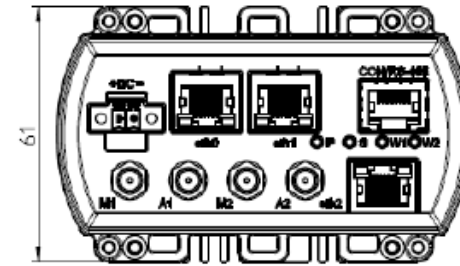
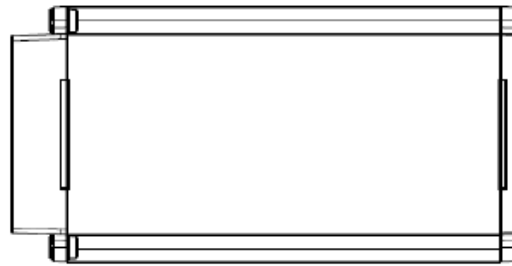
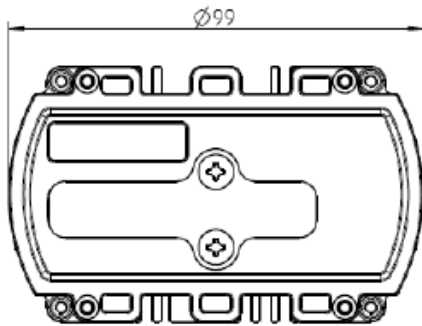
Garderos R-2700 Series: Hardware features



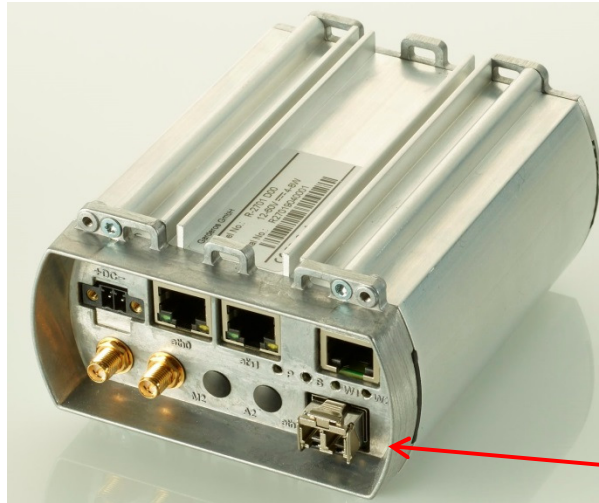
figure: Garderos R-2722 C00 (3xLAN/4G/WLAN)

- compact Aluminum pressure die-casting housing (top side: IP67, bottom side: IP43)
- Housing dimensions (HxD): 61x122,5mm, Diameter: 99mm
- mounting: mounting loops for cable straps (alternative: H-rail-mounting via extra mounting bracket and H-rail-clip)
- Extended temperature range: -40 °C to +75 °C
- wide range of input voltages: 12 to 60 VDC
- Low power consumption: ~4 bis 10 W
- 2x 10/100/1000BaseT Ethernet, 1x RS-232 Konsole, Optional: add. 1x 10/100/1000BaseT Ethernet or 1x SFP
- “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
- Performant CPU: 800MHz (opt. 1,2Ghz Dual Core) and 256 MB DDR3 RAM
- On board SLC NAND FLASH 256 MB
- Hardware Watchdog (integrated Microcontroller)

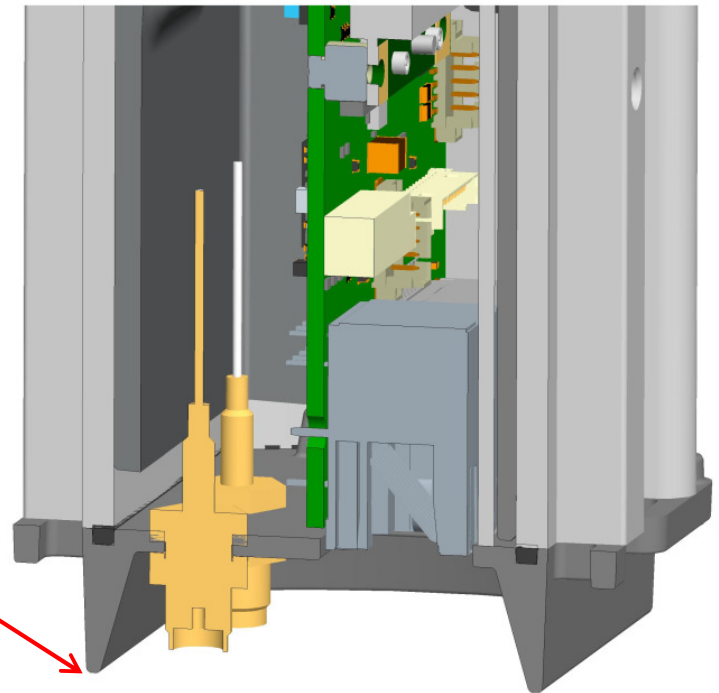
R-2700 Series: Dimensions - router -> 61x122,5mm (HxD); Diameter: 99mm



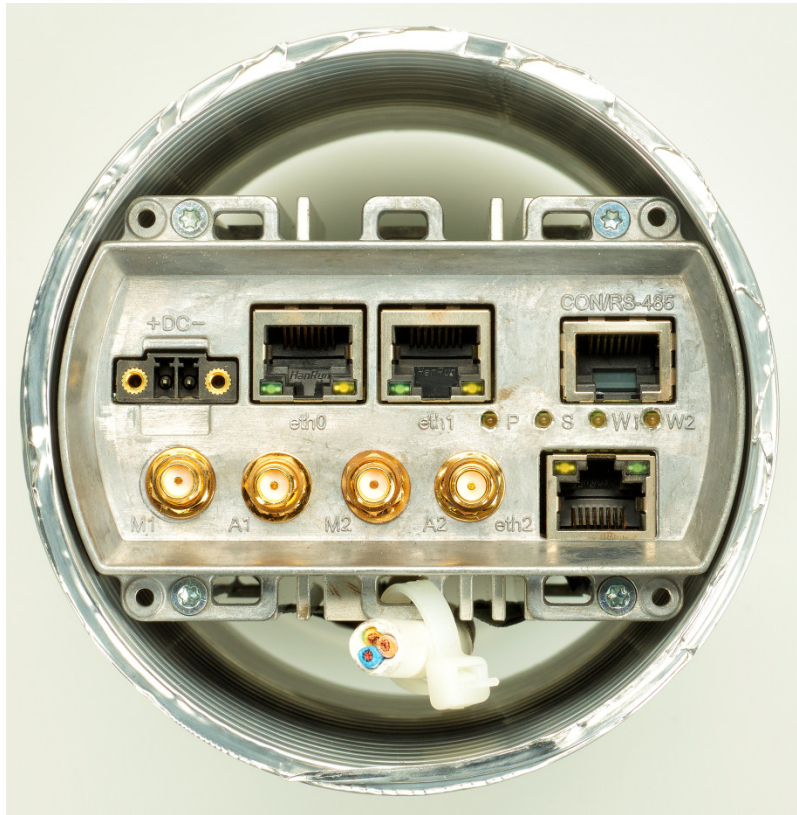
R-2700 Series: Drip edge for electrical connections



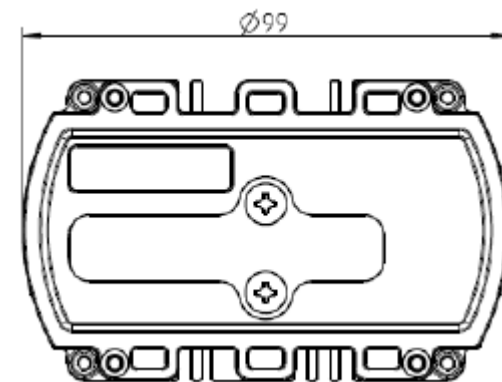
drip edge -
extended in front
by 10 mm



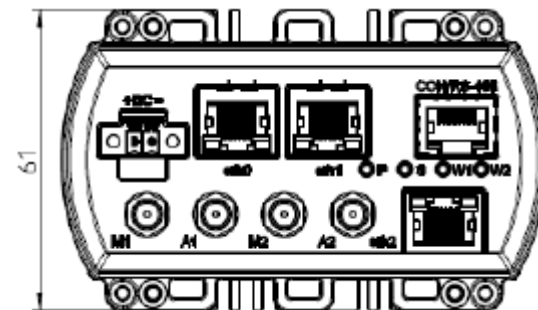
R-2700 Series: Mounting option I Standard mounting position by loops with the help of cable straps



Mounting on power cables within street light poles via loops (6 loops each on top- /bottom-side) with the help of cable straps)

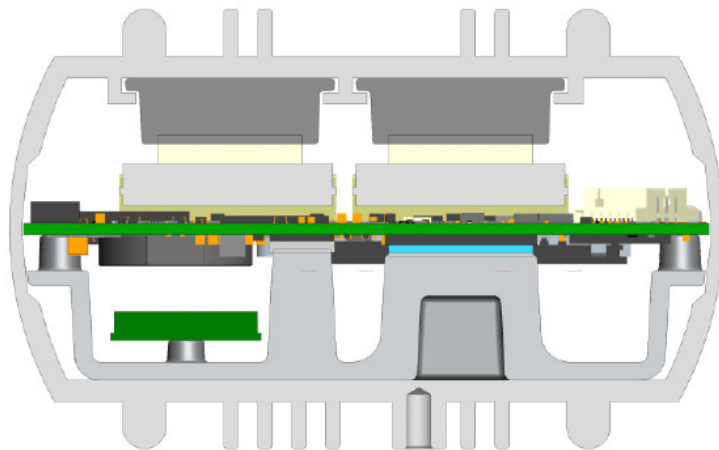


top side (IP67)
Cover panel for SIM-cards

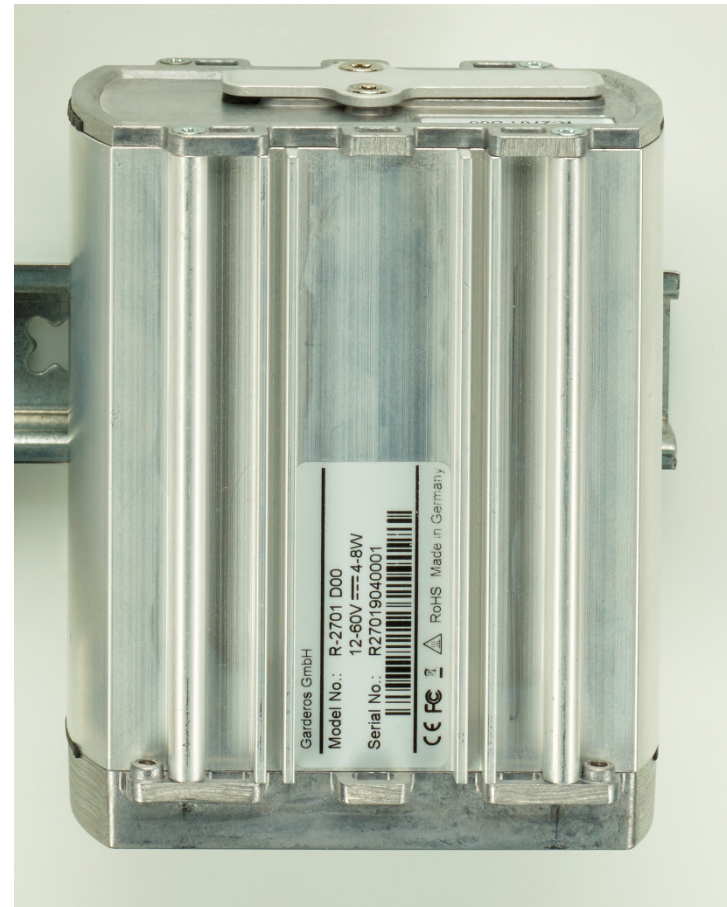


Bottom side (IP41)
interface side

R-2700 Series: Mounting option II
H-rail mounting with the help of H-rail-clips



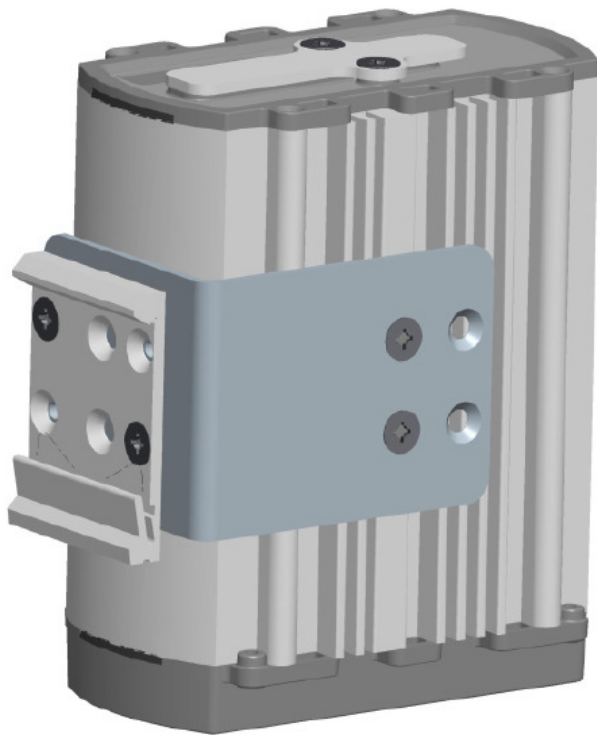
M4 metric thread
on bottom



H-rail mounting possible with help of H-rail-clips
on bottom

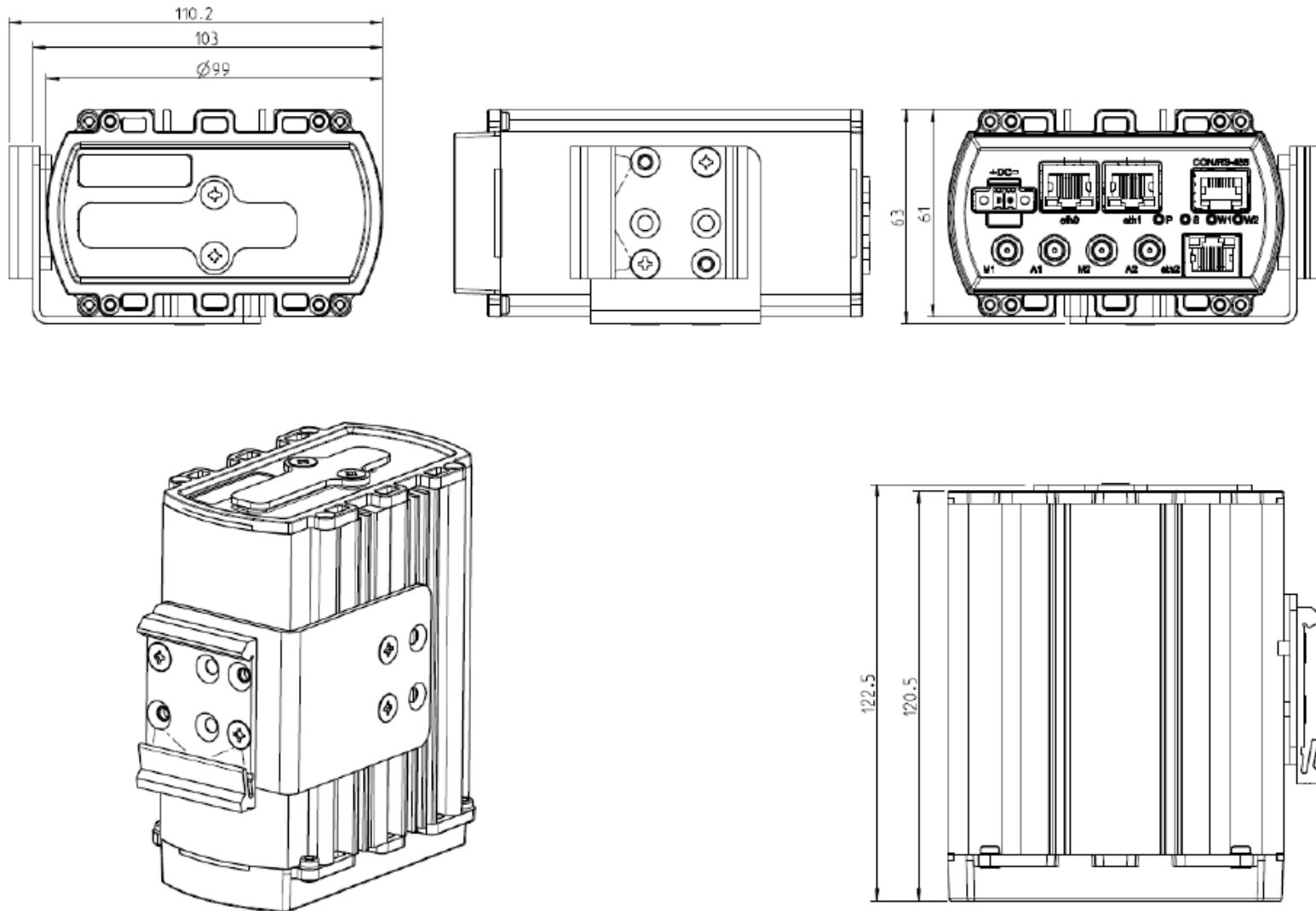
R-2700 Series: Mounting option III

H-rail mounting with the help of a mounting bracket and a H-rail-clip.



rectangular mounting bracket

R-2700 Series: Dimensions – router, mounting bracket and H-rail-clip -> 110,2x63x122,5mm (WxHxD)



R-2700 Series: DC-plug with +/- label by PHOENIX CONTACT

