



	R-2700 Series (dual radio) available	R-3600 Series (single radio) available	R-3700 Series (dual radio) available	R-4700 Series (dual radio/xDSL) Q3/2019	R-7700 Series (dual radio/xDSL) available	R-7800 Series (dual radio/xDSL) available
(W)WAN	2G/3G, 2G/3G/4G, 2G/4G, 3G/4G, CDMA450, LTE450 (up to 2 radio modules), ETH, WLAN, LWL	2G/3G, 2G/3G/4G, 2G/4G, 3G/4G, CDMA450, LTE450 (1 radio module), ETH, WLAN	2G/3G, 2G/3G/4G, 2G/4G, 3G/4G, CDMA450, LTE450 (up to 2 radio modules), ETH, WLAN	2G/3G, 2G/3G/4G, 2G/4G, 3G/4G, CDMA450, LTE450 (bis zu 2 Funkmodule), ETH, WLAN, xDSL (ADSL2+ Annex A, B/J, VDSL2 Annex B, Vectoring)	2G/3G, 2G/3G/4G, 2G/4G, 3G/4G, CDMA450, LTE450 (up to 2 radio modules), ETH, WLAN,, LWL, xDSL (ADSL2+ Annex A, B/J, VDSL2 Annex B, Vectoring)	2G/3G, 2G/3G/4G, 2G/4G, 3G/4G, CDMA450, LTE450 (up to 2 radio modules), ETH, WLAN, xDSL (ADSL2+ Annex A, B/J, VDSL2 Annex B, Vectoring)
WiFi	802.11 b/g/n and/or 802.11ac a/b/g/n (up to 2 WLAN modules)	802.11 b/g/n	802.11 b/g/n and/or 802.11ac a/b/g/n (up to 2 WLAN modules)	802.11ac a/b/g/n (up to 2 WLAN-modules)	802.11ac a/b/g/n	802.11ac a/b/g/n
LAN Ports	2x Eth 10/100/1000Base-T additional 1x Eth (opt.)	2x Eth 10/100Base-T	2x Eth 10/100/1000Base-T	2x Eth 10/100/1000Base-T	2x Eth 10/100/1000Base-T additional 1x Eth (opt.)	5x Eth 10/100/1000Base-T additional 1x Eth (opt.)
SFP-Ports	1x SFP 1000Base-X (opt.)	-	-	-	1x SFP 1000Base-X (opt.)	-
Consol Port	1x RS-232 (1x RJ45)	1x RS-232 (1x RJ45)	1x RS-232 (1x RJ45)	1x RS-232 (1x RJ45)	1x RS-232 (1x RJ45)	1x RS-232 (1x RJ45)
Serial Port	1x RS-485 (on Consol Port)	1x RS-485 (on Consol Port)	1x RS-485 (on Consol Port) 1x RS-232 (1x D-Sub 9) (opt.)	1x RS-485 (auf Consol Port)	1x RS-485 (on Consol Port) 1x RS-232 (1x D-Sub 9) (opt.)	1x RS-485 (on Consol Port) 1x RS-232 (1x D-Sub 9) (opt.)
Environment	Op.-Temp.: -40°C/+75°C IP42 IEC 61850-3 (EMI)	Op.-Temp.: -25°C/+75°C IP42 IEC 61000-6-2 (EMI)	Op.-Temp.: -40°C/+75°C IP42 IEC 61850-3 (EMI) E1 Approval (E24)	Op.-Temp.: -35°C/+70°C IP42 IEC 61000-6-2 (EMI) E1 Approval (E24)	Op.-Temp.: -40°C/+75°C IP40 IEC 61850-3 (EMI)	Op.-Temp.: -40°C/+75°C IP40 IEC 61850-3 (EMI)
Power	12-60 VDC / ca. 4-12W	12-24 VDC / ca. 2-5W	12-60 VDC / ca. 4-12W	12-60 VDC / ca. 7-11W	12-60 VDC / ca. 4-15W	12-60 VDC / ca. 5-16W
CPU/RAM/Flash	800 MHz ARM 256 MB RAM 256MB Flash HW-Watchdog + Microcontroller	528 MHz ARM 256 MB RAM 256MB Flash HW-Watchdog	800 MHz ARM 256 MB RAM 256MB Flash HW-Watchdog + Microcontroller	800 MHz ARM 256 MB RAM 256MB Flash HW-Watchdog + Microcontroller	800 MHz ARM 256 MB RAM 256MB Flash HW-Watchdog + Microcontroller	800 MHz ARM 256 MB RAM 256MB Flash HW-Watchdog + Microcontroller
Dimensions (w/o connectors)	61x122mm (HxD) diameter: 99mm	44x105x126mm (WxHxD)	44x105x126mm (WxHxD)	58x105x126mm (WxHxD)	44,5x110x115mm (WxHxD) 80,5x111x116mm (WxHxD)	80,5x111x116mm (WxHxD)
Mounting	6 eyelets, each on top and bottom, for fixing with cable straps and mounting holes for external DIN rail clip or mounting bracket	Integrated DIN rail clip and mounting holes for external DIN rail clip or mounting bracket	Integrated DIN rail clip and mounting holes for external DIN rail clip or mounting bracket	Integrated DIN rail clip and mounting holes for external DIN rail clip or mounting bracket	Integrated DIN rail clip and mounting holes for external DIN rail clip or mounting bracket	Integrated DIN rail clip and mounting holes for external DIN rail clip or mounting bracket
O/S-Software	Garderos Router Software - GRS	Garderos Router Software - GRS	Garderos Router Software - GRS	Garderos Router Software - GRS	Garderos Router Software - GRS	Garderos Router Software – GRS