

Technical specifications SmartDog (PN V4)

Supply

Power Supply:	Plug-in power supply 24VDC or 24VDC terminal plugs
Power consumption:	apx. 4 W without Display lightning, 8 W with Display lightning
Communication interfaces:	2× Ethernet 3× RS485 1× RS485/422 max. 100 inverters – mixed operation possible 2× USB (WIFI/GSM/Analoge modem ...) 1× RS232 1× 1-Wire®
Additional inputs/outputs:	4× Digital input 0-24 V (from internal supply or external 24V) 2× Analog input 0-10 V 0/4-20mA 2× Analog input Pt1000/Kty 81-210 4x Digital output. Max. Load 24 V DC / 500 mA 2× Relays (changeover contact max. load 230 V / 5 A) 2× Analog output 0-10 V 0/4-20mA
Display:	7" capacitive Touchscreen 800 x 400 Pixel resolution, 4 Mio. colours 2× 3-colour LED
Storage:	1 GB RAM. 8GB Flash. 8 GB micro SD
Processor:	Quadcore 4x 1,2GHz with GPU
Languages:	German/English/Polish/Italian
Protocols:	Modbus TCP/RTU, IEC 101/104, Jason, APIs...

Environmental conditions

Ambient temperature:	-5 °C to 55 °C
Storage conditions:	-20 °C to 65 °C
Operating humidity range:	0-70 % rF – non condensing
Protection rating:	IP20 (indoor use only)

Mechanical data

Size:	240 × 248 × 50 mm (W × H × D)
Weight:	850 g,
Mounting type:	cabinet door mounting