

# PT-20MG 1000BASE-T1 Ethernet logging expansion with low latency



The PT-20MG expands the PM-200 data logger from the Power Family by adding six 1000BASE-T1 automotive gigabit Ethernet interfaces. Ethernet traffic is looped through the device with constantly low latency irrespective of the frame length. This means that the time synchronization protocols of the logged Ethernet interfaces are not affected. 1000BASE-T1 packets are time-stamped, filtered and sent to the data logger via a 1000BASE-T interface.

## KEY BENEFITS

6 x 1000BASE-T1 Automotive Gigabit Ethernet

Loop through with constant latency, independent of the frame size

High performance for full network utilisation

Ethernet filter function

Cascadable

## FEATURE SET

### Expansion for the Power Family

Up to two PT-20MG units or a combination of PT-20MG and PT-15B units can directly be connected to the PM-200, which makes it possible to log up to 12 x 1000BASE-T1 interfaces.



## Device specifications

<b>HARDWARE</b>	2 CPU cores for time-stamp and filter (2 x 800 MHz) 2 GB buffer RAM
<b>LOGGING INTERFACES</b>	1 x Ethernet 1000BASE-T 1 x Ethernet SFP
<b>VEHICLE INTERFACES</b>	6 x 1000BASE-T1
<b>OPERATING TEMPERATURE</b>	-40°C to +75°C
<b>ELECTRICITY CONSUMPTION</b>	10 W
<b>OPERATING VOLTAGE</b>	6 V to 32 V
<b>ORDER NUMBER</b>	13395



### THE POWER TO LOG

For further information, including price and availability, contact [products@tttech-auto.com](mailto:products@tttech-auto.com)



### TTTech Auto AG

Europe, Austria (Headquarters)  
Phone: +43 1 585 65 38-5000

Germany  
Phone: +49 841 88 56 47-0

TTTech Japan  
Phone: +81 52 485-5898

TTTech China  
Phone: +86 21 5015 2925-0