PT-20MG

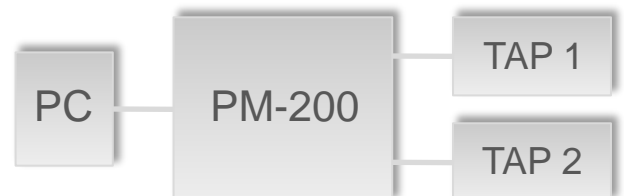## 1000BASE-T1 Ethernet logging expansion with low latency

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

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.

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.

Hardware	2 CPU cores for time-stamp and filter (2 x 800 MHz)
	2 GB buffer RAM
Logging Interfaces	1 x Ethernet 1000BASE-T
	1 x Ethernet SFP
Vehicle Interfaces	6 x 1000BASE-T1
Operating Temperature	-40°C to +75°C
Electricity Consumption	10 W
Operating Voltage	6 V to 32 V
Order Number	13395

For further information, including price and availability, please contact products@tttech-auto.com.