

AUTOMOTIVE ETHERNET ...

... WITH 100 Mbit/s



BLUEPIRAT
BY MAGNA

The **BLUEPIRAT Rapid** – the ultimate data logger all-in-one solution.

Key features:

- 20x 100Base-T1 Ethernet (BroadR-Reach)
- Up to 3TB internal memory for recording long-lasting test drives and huge data volumes
- Data logger all-in-one solution with a comprehensive set of interfaces including 1000Base-T Ethernet, CAN, LIN, FlexRay and more
- 2x 10Gbit Ethernet High-Speed Interlink/Upload Interfaces
- High-precision analog input ports
- Rugged full-metal enclosure for demanding operation within vehicles; fanless cooling for highest reliability
- Seamless integration in networked logger environment with System Link

Find out more:

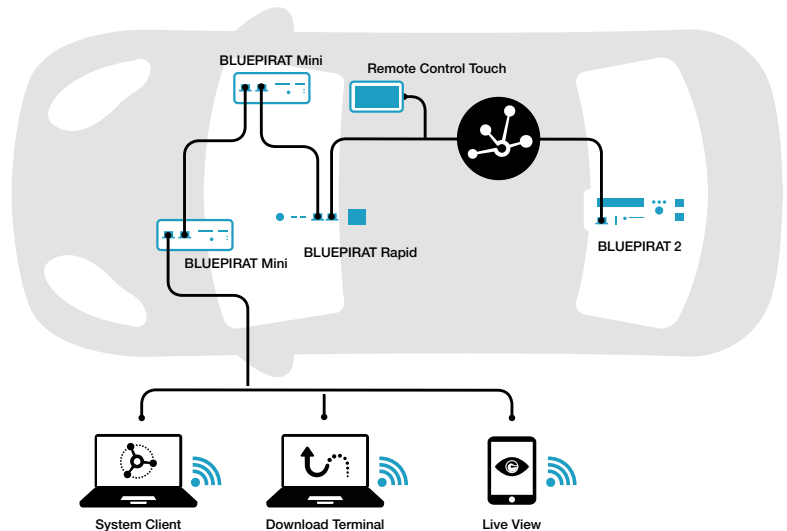
telemotive.magna.com or TMO.sales@magna.com

Flexible and expandable – System Link

Build your measuring system from modules or expand your existing system quickly, easily, and flexibly. System Link combines BLUEPIRAT data loggers in one network so they can be operated as a single device.

Convenient: Extensions and accessories

Would you like to start evaluation during the test drive? Expand your BLUEPIRAT data logger with Live View! Or use Download Terminal to collect, sort and distribute your test data. Remote Control Touch is your window into the logger network. Set triggers, display bus load or record voice messages – for all connected data loggers.



Interfaces and selected technical features

20x 100Base-T1 Ethernet or up to 10 ETH links	4x Digital-Out
4x 1000Base-T	4x Digital-In
2x 10GBase-T Interlink/Uplink	2x Wakeup-Line-Out
Up to 3TB internal memory	6x Analog-In
16x CAN-FD	2x USB 3.0
1x CAN-LS	No-Message-Lost-Mode (First Frame) for CAN-FD, LIN and FR
22x LIN	Voltage range 5V-30V
1x FlexRay	Standby current <5mA
4x RS232	Typ. power consumption: 30-35W

Order information

Description	Comments
bP Rapid 100+ T1	BLUEPIRAT Rapid 100+, internal raw storage capacity 960GB approximately
bP Rapid 100+ T3	BLUEPIRAT Rapid 100+, internal raw storage capacity 2.88TB approximately
SET CONN bP Rapid UTP	Full UTP connector set for customer-designed cables
SET CONN bP Rapid STP	Full STP connector set for customer-designed cables
CAB bP Rapid Power PRI 1m	Primary cable for power and digital-out
CAB bP Rapid Power SEC 1m	Secondary cable for power and digital-out
CAB bPRapid 15-Pin Analog-In 1m	bP Rapid cable harness for analog-in
CAB bP Rapid 78-Pin I/O 1m	bP Rapid cable harness for CAN/LIN/FlexRay/Serial/KL15/Digital-I/O
SET bP Rapid UTP Frame, 5x CAB 1G f/f 2m	MATENet Ethernet UTP Frame and 5x Ethernet cables, 2m, 1Gbps
SET bP Rapid STP Frame, 5x CAB 1G f/f 2m	MATENet Ethernet STP Frame and 5x Ethernet cables, 2m, 1Gbps