

SMALL BOX HUGE CONTENT



BLUEPIRAT
BY MAGNA

The **BLUEPIRAT Mini** is the smallest data logger in its class – with an outstanding functional scope.

Key features:

- The smallest data logger in its class with an outstanding functional scope
- Wide range of interfaces, e.g. 4 Ethernet (GBit-Phy)
- Flexible, future-proof expandability via System Link
- Stable temperature behavior and very low energy consumption
- Light as a feather: only 257 grams
- Internal 64 GB memory and additional SD card slot

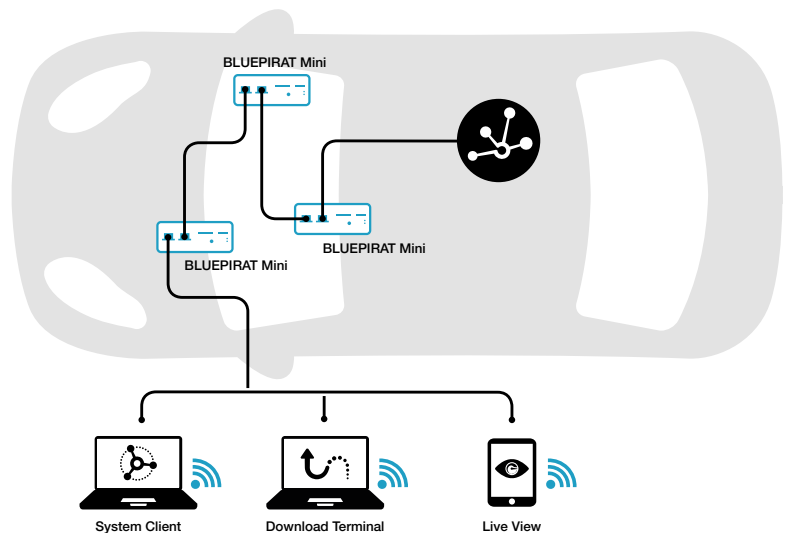
Now also with
CAN-FD
interface!

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 data logger with Live View! Or use Download Terminal to collect, sort and distribute your test data. And with our extensions you can tailor your BLUEPIRAT Mini perfectly to your needs!



Supported interfaces BLUEPIRAT Mini

Interfaces	Models	CAN	LIN	MOST	FlexRay
		4 CAN-FD	20 LIN	150 cPhy	2 FR
CAN-FD		4	-	-	-
CAN-HS		4 (via CAN-FD)	-	2	4
CAN-LS		1	-	1 (via CAN-HS#2)	1
LIN		2	20	-	2
Ethernet (1 Gbit/s)/TSL		2/2	0/2	2/2	2/2
BroadR-Reach®/100Base-T1		2	-	-	-
MOST150		-	-	1 (cPhy simplex oder duplex)	-
FlexRay		-	-	-	2
USB 2.0 Device / Host		1	-	1	1
Analog / Digital IN		3	-	3	3
Digital OUT		2	-	-	2
Seriell RS232		5	-	4	5
ECL (Electronic Control Line)		-	-	1 (via RS232)	-

Technical specifications BLUEPIRAT Mini

Voltage range	5 ~ 29 V, start-up from 7 V
Current consumption	< 370 mA (typical), < 1 mA (standby)
Start-up time	< 210 ms
Temperature range	-40°C - +70 °C; MOST cPhy: +60°C; 20 LIN: +65°C
Time-stamp resolution	1 µs
Wake-up via	Bus activity (CAN, LIN, RS232, MOST, FlexRay), KL15
Dimensions	105 x 33 x 85 mm (W x H x D)
Memory	64 GB

Find out more:

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