



## FlexCard Air-S

[www.star-cooperation.com](http://www.star-cooperation.com)

### BENEFITS

Affordable solution for wireless transport of CAN and LIN messages via Bluetooth

- Range up to 100m
- 2 CAN-HS & 1 LIN interfaces
- Compact design

### USE CASES

- For vehicle development in test and qualification phases
- In the laboratory for wireless monitoring of bus data
- At the test bay to move freely between different setups

### SYSTEM FOR VISUALIZATION OF BUS DATA

FlexCard Air-S is an affordable bus interface for wireless transport of CAN-HS and LIN messages via Bluetooth. Due to the cable free concept, the device can be plugged into the bus system at any chosen point in the topology, enabling the user to place the receiving station (e.g. mobile device) at the best suitable place inside a car or move it freely in the laboratory and test bay. A software for visualization of bus signals (FlexConfig Analyzer) is optionally available. Additionally, customer specific software solutions for data visualization using other OS can be implemented.

NETWORK TECHNOLOGY

ENERGY TECHNOLOGY

SENSOR-/ ACTUATOR TECHNOLOGY

# FlexCard Air-S

## FACTS & FIGURES

The ARM-7 circuit board provides interfaces for CAN and LIN, as well as USB 2.0 for connection to a PC.

- Bluetooth™ v2.0+EDR-SPP
- Range up to 100m
- Transmitting power +18 dBm
- Piconet and Scatternet support
- Supports up to 7 slaves
- Compatible with LIN 1.3, 2.0 und 2.1
- 5 LEDs
  - LED1 „RUN“ indicates device is ready for use
  - LED2 „CAN1“ indicates channel state
  - LED3 „CAN2“ indicates channel state
  - LED4 „LIN“ indicates channel state
  - LED5 „BT“ indicates wireless state
- BT data rate max. 230 kbps

## COMPATIBLE SOFTWARE

- FlexConfig Analyzer (for Android)

## DRIVER

Drivers are not required. On request, the Bluetooth communications structure can be provided.

## SCOPE OF DELIVERY

- FlexCard Air-S
- Manual
- Powercable FlexCard Air-S to pin plug

## HARDWARE

Electrical properties

Voltage range	6V-28V, Kl.30 perm. positive
Bus interfaces	2 CAN-HS, 1 LIN
USB	USB 2.0, full speed
Bluetooth	Bluetooth™ v2.0+EDR-SPP
LEDs	Power, CAN1 /2, LIN, Bluetooth
Dimensions (L x W x H)	120 x 60 x 30 mm

External conditions

Temperature range (operating)	-20°C to 70°C
Temperature range (storage)	-20°C to 70°C

## ORDER INFORMATION FLEXCARD AIR-S

Product	Description	Order number
FlexCard Air-S	The FlexCard Air-S is a Bluetooth bus interface.	3-V0920A01
FlexCard Air-S RoadPack	FlexCard Air-S RoadPack includes the following components: <ul style="list-style-type: none"><li>» FlexCard-Air-S</li><li>» FlexConfig Analyzing runtime</li><li>» FlexConfig Analyzer</li><li>» Tablet car mount</li><li>» Tablet car charger</li></ul>	3-V0920B01

## ORDER INFORMATION ACCESSORIES

Product	Description	Order number
FlexConfig Analyzer	Software license for the usage of FlexConfig Analyzer. Requires „FlexConfig Analyzing runtime“ on each device.	3-V0160V01
FlexConfig Analyzing runtime	Runtime license for analyzing bus data. Required once per device.	3-00701J01
Tablet-S	7" Android Tablet	10017410
Tablet-M	10" Android Tablet	10017405
Tablet car charger	12 Volt car lighter adapter to Micro USB cable	10017412
Tablet car mount	Tablet car holder for the windshield	10017411