Designed for machinery and vehicle technology the AT82 offers:

TFT display

AT82 features a QVGA-TFT display with a resolution of 320 x 240 pixel and guarantees an operational reliability in a wide temperature range of -25 °C to +70 °C.

User-friendly operation

The potentiometer allows input and menu navigation via comfortable single-hand control. Illuminated rings around the keys and potentiometer ensure a trouble-free operability at limited visibility conditions such as twilight or at night.

2nd CAN bus option

In order to build a second independent CAN network, a second CAN bus can be integrated. A second CAN network for instance could present the connection to an electronically controlled diesel engine, where communication is realised via standardised J1939-protocol.

J1939-protocol

By means of our software ITE the device may be connected to electronically controlled diesel engines. It automatically reads out the active motor information via data link and displays the data afterwards.

Video input

AT82 offers an analogue video input to connect a camera (e.g. rear view camera) or for machinery observation. The camera view can be displayed arbitrarily in full screen, half screen or as extract.

Technical data:	
Dimensions	w 204 x h 140 x d 52 mm
Mounting hole	w 190 x h 125 mm
Weight	1200 gram
Fixture	front panel installation via 2 gussets
Display dimension	111 x 83,5 mm
Display type	QVGA-TFT, 320 x 240 pixel
Contrast	85:1
Background illumination	CCFL, white mode, 250 cd/m^2, dimmable
Video	colour, PAL, cinch-connection
Current consumption	600 mA (on 24V)
Supply voltage	10 - 32 VDC, including reverse voltage protection
Program/data memory	2,2 MByte Flash, 256 kByte SRAM, 2 kByte EEPROM
Interfaces	CAN ISO11898, RS232
Optional interfaces	2nd CAN, RS422
Test standards EMC, temperature, vibration, shock	EN61000-6-1, EN61000-6-2, EN61000-6-3, EN61000-6-4, EN60068-2-6, EN60068-2-27, EN60068-2-2, EN60068-2-30
Protection rating frontside	IP65 acc. to DIN60529
Operating temperature	-25°C to +70°C
Storage temperature	-40°C to +95°C
Miscellaneous	counter input up to 100 kHz, real time clock (RTC), buildup enclosure

Back view AT82

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