

TruckMonitorCabin

Product overview

The TruckMonitorCabin is an additional instrument cluster for trucks. It extends a second display screen for example to the co-driver seat at driving school trucks. The provided signals from the CAN bus FleetmanagementSystem® are clearly represented on the screen.

By default following signals are available at the FMS interface:

- Vehicle speed
- Engine speed
- Parkingbrake

Other customer specific signals like throttle, flasher, current gear, e.g. are possible. It depends on the supported CAN signals of the truck.

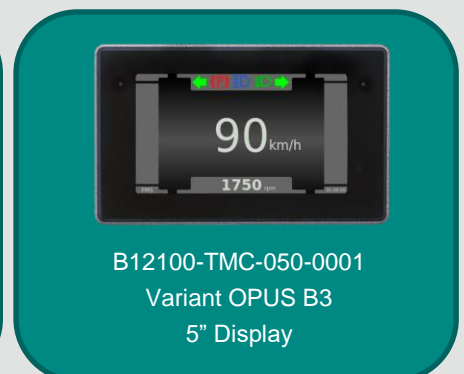
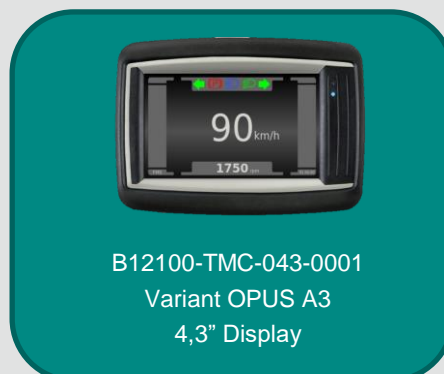
Via digital inputs it is also possible to read following discrete signals directly from the truck:

- Flasher left / right
- Main beam



Illustration 1: Display Mainpage

Display models:



Hardware specification



Order no.:	B12100-TMC-035-0001	B12100-TMC-043-0001	B12100-TMC-050-0001
Displaymodel:	DSE835	OPUS A3	OPUS B3
Display size:	3,5"	4,3"	5"
Resolution:	320 x 240px	480 x 272px	800 x 480px
Dimensions (BxHxD):	112,5mm x 115mm x 49mm	142mm x 98mm x 47,7mm	163mm x 99,7mm x 32mm
Protection class:	IP67	IP66	IP66
Qualification:	CE	CE, e-Mark	CE, e-Mark
Operating temperature:	-40°C .. 85°C	-30 .. 65°C	-30 .. 75°C
Power supply:	8-32V DC	9-36V DC	8-36V DC
CAN interface:	SAE J1939 – ISO 11898 – HighSpeed-CAN / 5V Base / 250 kBaud FleetManagementSystem®-Interface		
Standard signals (CAN):	Vehicle speed Engine speed Parkingbrake		
Customer spec. (CAN):	Throttle, current gear, e.g.		
Supported truck FleetmanagementSystem interfaces:	Daimler MAN Scania Iveco Volvo DAF Renault		
Additional signals (IO):	Inputs directly on the display:	Inputs with extension module (CAN automotive relais):	
	Flasher left	Flasher left	
	Flasher right	Flasher right	
	Main beam	Main beam	

Accessories:

Cable set universal 3m:	4001950	4001882	
Cable set universal 3m incl. extension module (CAN automotive relays):		4001578	
Univ. plug with pins:	40001949 DEUTSCH DT16-A, 18pin	4000470 TE SuperSealed, 26pin	4000470 TE SuperSealed, 26pin
Mounting:	4001951 RAM Mount + Adapter cover M835	4000488 RAM Mount + Adapter cover A3	4001916 RAM Mount B3
			