TELEDRIVE® 3116
Car Communication Terminal

All-In-One: One single device with lots of functions

The TeleDrive® 3116 is the first all-in-one solution for professional use in cars, trucks and special vehicles.
This new Car Communication Terminal from IAV Products integrates all of the following into one single device:

▸ an open Windows CE platform and the possibility of vehicle data acquisition

▸ the possibility of fleet management software integration

▸ navigation (option)

▸ telephony

▸ radio

▸ MP3 and

▸ video (option).

This all-in-one solution allows drivers to process the applications for logistics, fleet management, data acquisition, logbook and communication in one single GUI.

IAV Products
IDEAS IN MOTION

For professionals, from professionals …
IAV Products knows that professionals have special demands. The TeleDrive® 3116 is therefore a device made by professionals for professionals, and has been specially adapted to the requirements of fleet management, your drivers and vehicles: An all-in-one solution that is not only easy to use and has a long-life, but that has been specially developed for use within an automobile environment.

Your fleet management software on the perfect hardware platform
Whether it be fleet, service or tracking management software – the open Windows CE platform allows you to easily integrate software from third-parties. This is an added value both for software providers and for carriers: because TeleDrive® 3116 is the perfect hardware platform for software from various third-parties.

Easy installation right from the start – and then easy operation
No multitude of devices, and no cable clutter: The TeleDrive® 3116 is comprised of one single DIN slot device and an external display that is attached within the vehicle by an easily-installed mount. The TeleDrive® 3116 is therefore not only installed quickly within the vehicle but can also be removed just as quickly if changing vehicle. The 18-cm touchscreen (7") with a clear GUI facilitates operation, even when driving.

Entertainment and information always on board
Rock, pop or classical – whatever your favorite music is, you can play it using the MP3 application in TeleDrive® 3116. And you will have the benefit of radio, navigation, telephone and address book also: The basic software contained in TeleDrive® 3116 also supports these functions! Additional devices such as reverse camera or scanner can also be connected.

IAV Products GmbH
IAV Products GmbH is a subsidiary of IAV GmbH. IAV Products develops, produces and markets high-end products for small and middle series as well as vehicle electronics and after-market services for professional use in automobiles. IAV Products can thereby benefit from the know-how and many years of experience in automobile development of their majority partner IAV GmbH. As an internationally active company with over 3,000 employees, the IAV GmbH has been providing the automobile branch for over 20 years with a multitude of engineering services in the fields of electronics, drive train and vehicle development. All renowned automobile manufacturers and suppliers are its customers.

Technical specifications

Mechanics

Basic device	Dimensions (W x H x D) [mm]	180 x 51 x 160 (front frame 190 x 58 x 9)
	Weight [kg]	Approx.. 0.8 + modules
	Mount	ISO spring-mount (2-hole release)
Display	Dimensions (W x H x D) [mm]	180 x 140 x 35
	Weight [kg]	approx. 0.6
	Mount	VESA 75mm
		Mounting systems from the Arat company can be used
		Mounting systems from the Richter company can be used (two suckers or screw-fixings)

Complete device

Power	Operating voltage range	6.5 to 45 volt (external NF-Booster: 20 to 36 volt)
	Temperature range	-40°C to +70°C
Interfaces	Vehicle interfaces	2 x CAN (high speed)
		Audio (1 x Mic, Stereo Line IN, 4 x Line Out)
		4 x Digital Inputs and / or Outputs (Can be switched between input and output, 60 volt fixed, high-side switch 0.2 A max.)
	IT-type interfaces	USB 1.1 (2 host ports)
		CF Card (Type I)
		Serial
		1 port, V.24
		1 port, RS485
	Additional interfaces	Smart Card (cheque-card size)
		TeleDrive® Display Link (LVDS)
		GSM / GPRS
		GPS (SIRF III chipset)
		Bluetooth
CPU	Processor	PXA255 with 400 MHz
	Flash / RAM	32 MByte Flash, 128 MByte RAM
		2 GByte program & data memory (1,85 GByte free)
Audio	Radio	Double-tuner design
	Amplifier (extern)	2 x 10 W sinus at 4 ohms with max. 2% intermodulation distortion
Driver support	IAV CarAPI	CAN, radio - & audio - control
	Standard driver	For all hardware interfaces
	Power manager	Power management typical to vehicles for use on board

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