

# 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)
- ▶ the possibility of exchange of vehicle data
- ▶ telephony
- ▶ radio
- ▶ MP3 and

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 as well: The basic software contained in TeleDrive® 3116 also supports these functions! Additional devices such as reverse camera or scanner can optionally 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 industry for 5 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) DIN-slot
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)
		exchange of vehicle data
		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)
Display	Resolution	800 x 480 WVGA (full screen, applicable 640 x 480 VGA)
Audio	Radio	Double-tuner design
	Amplifier (extern)	2 x 20 W sinus at 4 ohms with max. 2% intermodulation distortion
Software	Power Manager	Power management typical to vehicles for use on board
	TeleDrive Application Manager	managed IAV- and third party applications
	Interfaces	Driver and application support for all hardware interfaces