



# Gotive H41

Communicator for Mobile Enterprise



## Multitude Data Capture Options

Variety of data capture possibilities can be embedded in Gotive H41 - Bar Code Reader, RFID Reader - to allow the mobile workforce to capture data using the technology most fitting for the demanded solution.

## Position and Location Based Services

Global Positioning System (GPS) localises & tracks vehicles, provides emergency assistance, navigates the drivers, localises points of activity, helps to secure online proof of delivery (POD), and enables the exploitation of emerging Location Based Services.

## Optional Functionality Extension

Wireless LAN (802.11b), Bluetooth communication or any technology available on CF Card can be implemented.

## Abundance of Memory Capacity

SDRAM, Flash ROM and MMC memories offer enough space for all significant professional business applications and for the Windows®CE.NET operating system. MMC provides protection against data loss. Further memory expansion is possible via CF Card.

## Physical Characteristics

Dimensions	Length: 230 mm; Width: 94 mm; Height: 34 mm Length: 9.05 in; Width: 3.70 in; Height: 1.34 in
Weight	575-630 g incl. Battery (depends on HW configuration)
Environmental Sealing	IP54 Standard compliant (windblown dust and rain)
Drop Specification	1.2 m to concrete
Storage Temperature	-30 to 60 °C
Operating Temperature	-10 to 60 °C
Relative Humidity	5 % to 95 % non-condensing

## Key Hardware

CPU	32-bit RISC Intel StrongARM -1110, 250 MIPS (Dhrystone 2.1) @ 206 MHz
RAM	64 MB SDRAM
ROM	32 MB Flash ROM
Display & Touch screen	1/2 VGA 640 x 240 pixels (153x58 mm), 6.3" Colour STN, integrated touchscreen, CFL backlight
Sound	12 bit sound, 1 speaker, 1 microphone, bi-directional audio
CF Card	Type II (internal - service accessible)
SD (Secure Digital) Or MMC (MultiMediaCard)	user accessible
Power	Internal: 4600 mAh Li-Ion battery, External: see H41 DS and Accessories datasheets

## Wireless & Wired Data Communication

Wireless WAN	optional, integrated GSM/GPRS Dual Band 900/1800, Data/Voice/SMS internal antenna, user-accessible SIM card holder
Wireless LAN	optional, 802.11b (11 Mbps) via CF Card Type II socket
Bluetooth	optional, via CF Card Type II socket
IrDA	115 Kbps
USB B	up to 12 Mbps (slave)
RS-232	115 Kbps

## Data Capture

BCR (Bar Code Reader)	optional, integrated high performance 1D laser scanner
RFID Reader (Radio Frequency ID)	optional, 125 kHz, 13.56 MHz, 868 MHz integrated onboard, or via CF Card slot

## Navigation

GPS (Global Positioning System)	integrated onboard, internal antenna, external antenna connector
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## Key Software

Operating System	Windows®CE.NET
Gotive's Applications	<ul style="list-style-type: none"> <li>• BCR Control Centre</li> <li>• Telephony application (Voice, SMS, PIM) by third party vendor</li> <li>• GSM/GPRS data/voice application</li> <li>• GPS Control Centre</li> <li>• Flash ROM Transferring - allows transfer of applications from RAM into Flash ROM</li> <li>• Large Fingeroperable QWERTY Keyboard, freely Sizable</li> </ul>

## Investment Protection

Applications can be installed or removed, configurations changed, and the operating system upgraded, all through remote management tools. Gotive H41 is built upon industry standards such as Microsoft Windows®CE.NET, TCP/IP, Wi-Fi, GSM/GPRS or GPS. This open architecture protects Client's investments and provides a migration path to new technologies.

## Windows®CE.NET Operating System

The compatibility of our products with the Microsoft Windows®CE.NET operating system allows them to run thousands of applications. Gotive H41 provides the standard PIM software (Pocket Word, Inbox, Pocket Internet Explorer,...) as well as ActiveSync for synchronization with desktop PC's.

Standard 32-bit application development tools from Microsoft and third parties provide flexibility and easy integration for customized solutions.

## High-performance Data Processing

The Intel Strong®ARM microprocessor is optimised for meeting portable and embedded application requirements today and in the future.

