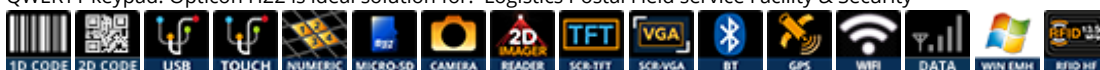# OPTICON

H22 1D/2D rugged terminal with WM 6.5, BT, GSM/GPRS, WLAN, GPS, RFID (13.56 MHz), numeric keypad

The H22 is designed with the technology and ruggedness to meet the demands of businesses that deploy field workers. The interactive mobile computer with excellent reading and touch screen performance uses the Windows Mobile® 6.5.3 platform providing the latest technology for mobile applications.

The sharp 3.7″ color display with tou

s available for mobile terminals. It provides users with an extremely user friendly interface for any field worker application. The 3.2 megapixel color camera with auto focus and flash light supports visual information to any issue. Besides linear barcodes, the H22-2D model also reads 2D and stacked codes, both from traditional media (labels etc.) as well as from the screens of other mobile devices. The built-in A-GPS module (Assisted Global Positioning System) ensures simple and extremely fast detection of the current location and thus accelerated positioning and navigation. With its rugged housing, the H22 can withstand multiple drops onto concrete from 1.5 meters as well as adverse environmental conditions with its IP 65 compliant design. Other devices can easily be connected via an USB cable or wirelessly via Bluetooth 2.1 and IrDA 1.3. The H22 can also log on to any WiFi® network available via wireless LAN to connect to the local ERP system. With the WLAN and microphone support, the H22 can be used for voice over IP. A dedicated cradle with charging and communication features rounds off the set of features that the H22 offers. Users will be able to use functions and enterprise applications at any time – regardless of the location. The H22 is available with either an alpha-numeric layout or a complete QWERTY keypad. Opticon H22 is ideal solution for: Logistics Postal Field service Facility & Security

Technical Description

Functionality & Operation

RFID transponder protocols	
Keyboard	numeric
Wireless communication	Bluetooth®, GPS, WiFi, EGPRS, EDGE
Communication interface	Audio, IrDA, USB
GPS navigation	a-GPS
WPAN Features	Bluetooth® Class II v2.1 EDR
Display type	3,7" VGA TFT LCD
Operating system	Microsoft Windows Mobile Professional
Expansion slot	Micro SD Card (SDHC)
WLAN Features	IEEE 802.11 b/g
WWAN Features	EGPRS/EDGE: Multi-Slot Class 12
Memory	512MB Flash
1D Barcode Symbologies	All standard one-dimension barcodes
Memory	256MB DRAM
2D Code Symbologies	all standard 2D-Codes

Optical

Camera	3,2 MPix
Resolution	480x640 px

Electrical

Main battery pack	Li-Ion 3060 mAh, 3,6V

Mechanical

Color	black
Dimensions	Width: 75mm, Height: 25mm Length: 151mm
Weight	340g

Environment

Shock resistance	drop from 1,5 m onto concrete surface
Ingress protection	IP65
Storage temperature	-30 to 80°C