# Opticon H21

## The powerful smart scanner built for big business

### LASER SCANNER

The H21 incorporates Opticon's world leading laser barcode scanning system. More accurate and quicker than a CMOS based scanner for 1D barcodes, it will help to collect data quickly and accurately.

### QUALITY ASSURED

Made by Opticon, one of the world leaders of barcode scanning technology. Built to meet the highest standards.

### EXTEND AND PROTECT

Choose from a huge range of Opticon original accessories such as charging cradles, USB cradles, vehicle cradles, cases and screen protectors.

### SOFTWARE SOLUTIONS

Ideal for use with Capture-fm® mobile and the Asset-fm® asset management solution.

- Integrated laser barcode scanner for unrivalled accuracy and speed

- GSM, GPRS, HSPA, and Wi-Fi support for remote communications.

- Tough - the H21 can handle impacts of 1.5 m drops; and exposure to dust, moisture and rain (IP64 rated).

- Available with numeric or QWERTY keyboard

- Comes with a protective leather case

The Opticon H21 builds on the success of the H19, featuring Microsoft® Windows Mobile® 6 Professional. Built to last, the H21 can withstand multiple drops onto concrete from fone and a half metres as well as adverse environmental conditions, with its IP64 compliant design.

Always keep in touch, with the standard communication options:

Bluetooth®, WiFi®, GSM/GPRS/EDGE and GPS. More than just a smartphone, the H21 reveals its true genius with an embedded laser barcode scanner, allowing you to collect barcode data, interact with your mobile software solution and send your information to a central ERP system.

One device - a world of opportunities!

The Opticon H21 is all about interaction. Opticon started with the Microsoft® Windows Mobile® 6.5 Professional operating system as its core platform, and built up from there. The Windows platform supports Microsoft® Windows Mobile® 6.5 Professional features like Direct Push e-mail technology, Internet browsing, synchronization with Outlook® Mobile Calendar, Contacts and e-mail, and the ability to work on applications in the Office® Mobile suite such as Word®, Excel® and PowerPoint®.

**DataTrak**™

# Specifications and Features

| Physical Characteristics (with Extended Life Battery) | |
|---|---|
| Dimensions | 135mm x 67mm x 22mm |
| Weight | 235g (Inc. battery) |
| Display | 2.8in diagonal colour display, resistive touch, 480 x640 portrait / landscape with adjustable backlight |
| Audio | Integrated Speaker, audio stereo connector (2.5mm), speaker phone functionality |
| Keyboard | Available in numeric and QWERTY Versions |
| **Performance Characteristics** | |
| CPU | Qualcomm MSM7225 528 MHz |
| OS | Windows Mobile 6.5 Professional |
| Memory | 256MB RAM / 256MB Flash |
| Drop Specification | 1.5m drop to concrete. |
| Operating Temperature | -10C to 50C |
| Storage Temperature | -40c to 60c |
| Sealing | Meets IP64 sealing standard. |
| **Battery (Standard Battery)** | |
| Capacity | 3060mAh / 3.7v |
| **Barcode Reader** | |
| Light Source | 650 nm visible Laser diode |
| Data Types | 1D barcodes, multiple stnds inc. Code 128, Code 39, Code 93 |
| Scan Rate | 100 scans/sec |
| **Other** | |
| GPS | Integrated GPS receiver (AGPS) |
| GSM | GPRS/EDGE (quad-band 850/900/1800/1900), 3G UMTS WCD-MA band 1,II,V,VI), 3.5G UMTS (HSDPA 7.2M / HSUPA 5.76 M) |
| Wi-Fi | 802.11a/b/g |
| Bluetooth | Ver. 2.1 + EDR, Class 2 |
| USB | Mini USB OTG, client and host |
| Warranty | 12 Months |

Approximate actual size

DataTrak

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BRITISH SAFETY COUNCIL

NAPIT

QMS
ISO 9001
REGISTERED FIRM