

Opticon H19

The powerful smart scanner built for big business

LASER SCANNER

The H19 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 H19 impacts of 1.2 m drops; and exposure to dust, moisture and rain (IP54 rated).
- Comes with a protective leather case

The Opticon H19 is a first of its kind advanced smartphone, featuring Microsoft® Windows Mobile® 6 Professional. Built to last, the H19 can withstand multiple drops onto concrete from four feet as well as adverse environmental conditions, with its IP54 compliant design. Always keep in touch, with the standard communication options:

Bluetooth®, WiFi®, GSM/GPRS/EDGE and GPS. More than just a smartphone, the H19 reveals its true genius with an embedded 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 H19 is all about interaction. Opticon started with the Microsoft® Windows Mobile® 6 Professional operating system as its core platform, and built up from there. The Windows platform supports Microsoft® Windows Mobile® 6 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®.



Approximate actual size

Specifications and Features

Physical Characteristics (with Extended Life Battery)

Dimensions	140.8mm x 62.3mm x 25.5mm
Weight	195g
Display	2.8in diagonal colour display, resistive touch, 240 x 320 portrait with adjustable backlight
Audio	Integrated Speaker, audio stereo connector (2.5mm), speaker phone functionality

Performance Characteristics

CPU	400Mhz Samsung S3C2440A processor
OS	Windows Mobile 6 Professional
Memory	128MB RAM / 512MB Flash
Drop Specification	1.2m drop to concrete.
Operating Temperature	-10C to 50C
Storage Temperature	-20c to 60c
Sealing	Meets IP54 sealing standard.

Battery (Standard Battery)

Capacity	1580mAh / 4.2V
Standby Time	150 hours*
Talk Time	4 Hours*

**times are reliant on signal strength and other functionality used (e.g. Wi-Fi, GPS, etc)*

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

Motion-sensor	3-axis accelerometer fpr dynamic screen orientation and power management
GPS	Integrated GPS receiver (SiRF Star III)
GSM	GSM/GPRS/EDGE, quad-band 850/900/1800/1900, GSM Class 12, EDGE Class 10
Wi-Fi	802.11a/b/g
Bluetooth	Ver. 1.2, range up to 10 m
USB	Mini USB, Ver. 1.1, client
Warranty	12 Months



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