

# H-19a

## Concept

A slim and compact commercial portable terminal which supports Microsoft® Windows Mobile 5.0. H-19a supports wireless LAN, Bluetooth or GSM/eGPRS for network. Adopted a high-performance laser scan engine.



## Product Features

### A Versatile Terminal Suitable for Various Business Scenes

H-19a supports Microsoft® Windows Mobile 5.0. It offers network functions, which is essential for its business and commercial use. Adopted a high-performance laser scan engine.

### All H-19 Models have Network Functions

H-19a supports Bluetooth(Ver.1.2), IEEE802.11b/11g and GSM. It offers possibilities for the development of an advanced system with a server.

### High-performance Laser Scan Engine

Adopted a high-performance laser scan engine, which enables smooth scanning of 1D symbologies.

### Compact and Slim Portable Terminal Weights only 250 grams

Used a compact and slim chassis (W: 135 mm, L: 56mm, H: 23mm). H-19a weights only 250 grams including the weight of its batteries. It is designed for long-hour operations. It relieves operators from the physical stress.

### Enhanced Water Resistant and Dust-proof Features to Satisfy IP-54 Requirements

A highly reliable and not easily damaged portable terminal which passed drop tests from a height of 1.2 meters. Its enhanced water resistant and dust-proof features satisfy IP-54 requirements. It can operate in high humidity or in high temperature. It is suitable for operations in warehouses or in open air.

### Contact US

Opticon Sensors Europe B.V.  
Opaallaan 35  
2132 XV Hoofddorp  
The Netherlands

Phone: +31 (0)23-5692700  
Fax: +31 (0)23-5638266  
Email: sales@opticon.com

CABLED

WIRELESS

STATIONARY

OEM

**OPTICON**  
always scanning for new ID's

# H-19a Specifications

## Functional Specifications

OS	Windows mobile™ 5.0 for Pocket PC
CPU	Intel® PXA270
RAM	64MB SDRAM
ROM	128MB Flash ROM
Display	2.8TFT LCD(240 x 320 dots, 65536 colors with Backlight)
Input devices	Touch panel, Keyboard
Interfaces	Mini SD card slot x 1, USB x 1

## Cordless Communications

Bluetooth Ver.1.2
IEEE.802.11 b/g
GSM/eGPRS

## Optical specifications

Light Source	Red laser diode (650 nm)
Scan Rate	100 scans / per sec.

## Supported Symbologies

EAN, JAN, UPC-A, UPC-E, Industrial 2 of 5, IATA, Interleaved 2 of 5, NW-7(CODABAR), Code-39, Code-93, Code-128 and so on
--

## Electrical Specifications

Main Battery	Lithium-Polymer Battery
Sub Battery	Lithium-Ion Battery
Operating main battery tin	4 hours
Operating sub battery time	8 hours
Charging Method	Charge main body with cradle
Charging Time	3 hours (For full charge)

## Environmental Specifications

Dust- and Drip-Proof	IP-54
Shock Drop Test	1.2 m (Drop onto concrete surface)

## Dimensions

56(W) x 135(L) x 23(H) mm
2.20(W) x 5.31(L) x 0.90(H) inches

## Physical Specifications

Weight	250 g
	0.55 pounds

\* This product is compliant with RoHS.

All figures and values stated herein are measured with our original standards. Please refer to specifications for guaranteed values.  
All statements, figures and values stated herein are subject to change without prior notification.