

H-19B

PDA/Smartphone hybrid

A slim and compact ruggedised mobile computer that features Microsoft® Windows Mobile 6.0. All H-19 models support WiFi, Bluetooth and GSM/eGPRS communication and have built-in GPS. H-19B features a high-performance CMOS scan engine and is capable of reading 1D, 2D and matrix codes.



A Versatile PDA/Smartphone hybrid for enterprise mobility applications

All H-19 models support Microsoft® Windows Mobile 6.0 and are network-enabled, an essential feature of terminals for business and commercial use. H-19B also boasts a high-performance imaging scan engine that is able to read all common barcodes as well as 2D stacked and matrix symbologies.

Network-equipped H-19 Lineup

All H-19 models support Bluetooth (Ver.1.2), IEEE802.11b/11g GSM and Edge GPRS, offering possibilities for the development of an advanced server-based system. Built-in GPS provides further application benefits.

High-performance Scan Engine

H-19B features a high-performance imager scan engine, which enables smooth scanning of 1D and 2D symbologies from ultra high density codes through to mobile phone m-tickets.

Slim and Compact Portable Terminal Weighs Only 250g

With a compact and slim chassis (W: 135 mm, L: 62.5mm, H: 24.5mm), H-19B weighs only 250 grams, including batteries. It was designed to relieve physical stress on the part of operators during long periods of use.

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

H-19B is a highly reliable and not easily damaged portable terminal, which has passed drop tests from a height of 1.2 meters. Enhanced water resistance and dust-proof features satisfy IP-54 requirements. H-19 can operate in high humidity or high temperatures and is suitable for operations in warehouses or out in the field.

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CABLED

WIRELESS

STATIONARY

OEM

OPTICON
always scanning for new ID's



Products Specifications

Functional Specifications	OS	Windows Mobile 6.0 for Pocket PC, Phone Edition
	CPU	Samsung S3C2440A 400MHz
	RAM	64MB SDRAM
	ROM	128MB Flash ROM
	Display	2.8-inch Transflective TFT LCD with Backlight (240 x 320 pixels, 65536 colors)
	Audio	Built-in microphone and speaker
	Input devices	Barcode scanner, touch panel, QWERTY keyboard, direction keys, scanning buttons, hot keys and more
	Interfaces	Mini SD card slot x 1, mini USB (Client, ver.1.1) x 1, 2.5 mm headphone/headset jack x 1
Wireless Communications	Bluetooth Ver.1.2	
	WiFi (IEEE.802.11 b/g)	
	Quad band GSM/GPRS/EDGE (class 10)	
Optical Specifications	Optical Scheme	CMOS Area Sensor
	Light Source	4 red LEDs (630 nm)
	Aiming Light Source	4 green LEDs (527 nm)
	View Angle	Horizontal: 47. Vertical: 37.5 (deg.)
Supported Symbologies	1D : EAN, JAN, UPC-A, UPC-E, Industrial 2 of 5, IATA, Interleaved 2 of 5, NW-7 (CODABAR), CODE-39, CODE-93, CODE-128, others	
	2D : PDF417, Micro PDF417, QR Code, Data Matrix, Maxi Code	
Electrical Specifications	Battery (Standard)	Rechargeable lithium ion 3.7V 1400mAh
	Talk Time	4 hours
	Charging Time	4 hours (full charge)
Physical Specifications	Dimensions	62.5 (W) x 137 (L) x 25.5 (H) mm 2.46 (W) x 5.39 (L) x 1.00 (H) inches
	Weight (approximately)	250 g (includes standard battery)
Environmental Specifications	Dust- and Drip-Proof	IP-54
	Shock Drop Test	1.2 m (dropped onto a concrete surface)

* 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.