

≡ OPTICON

H27 - Rugged mobile terminal, 1D, WIFI, Bluetooth, Android, GPS, NFC

Opticon adds a new dimension to its current range of mobile computing devices.. With the functionality of a PDA and the appearance of a smartphone, the H-27 is particularly suitable for mobile workers who need the combination of auto-ID and business critical information to carry out their work in a highly efficient way.

The device comes with an integrated 1D barcode reader or 2D imager. Due to the ergonomic design the H-27 is slimmer and lighter than an industrial device, and also stronger and more robust than a consumer phone. Moreover the 1.5 meter shock drop test, the IP65 rating, an operation temperature from -10° to 50° C and its 4.3" display (800 x 480 pixels) with Gorilla glass and anti-reflective coating give this Android 4.2.2 based device the durability you may expect.



The H-27 delivers a powerful application performance thanks to the powerful 1.5 GHz processor, 8 GB flash memory and a range of communication possibilities. The powerful standard high capacity battery (2860 mAh) which is good for full-shift operation and the various communication options such as Bluetooth 4.0, WiFi , IEEE 802.11 a/b/g/n , 2.5G , 3.5G , NFC, GPS and GLONASS enable the mobile worker to provide a better and faster service on site.

YOUTUBE=yYdiv-IOB8



Technical Description

Functionality & Operation

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|--------------------------|--|
| WLAN Features | IEEE 802.11 a/b/g/n |
| Operation interface | programmable buttons, scan button, volume up and down keys, ON/OFF |
| Operating system | Android |
| Indicators | 2 LED (red/green), vibration |
| Expansion slot | Micro SD Card (SDHC) |
| Memory | 8GB Flash NAND, DDR2 1GB SDRAM and microSD up to 32GB |
| WWAN Features | GSM/GPRS/EDGE: Quad band 850 / 900 / 1800 / 1900 MHz |
| WPAN Features | Bluetooth® v4.0 |
| GPS navigation | a-GPS |
| Display type | 4,3" TFT LCD |
| 1D Barcode Symbolologies | All standard one-dimension barcodes |
| 2D Code Symbolologies | all standard 2D-Codes |
| Wireless communication | NFC, Bluetooth®, GPS, WiFi, GSM, GPRS, EDGE |

Optical

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| Bar code scanner | Laser |
| Sensors | accelerometer, magnetometer, gyroscope, photometer, proximity sensor |
| Camera | 5 MPix, with Autofocus, with LED flash |

Electrical

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|----------------------------------|--|
| Main battery pack operating time | 8hod |
| Battery charging time | 2hod |
| Main battery pack | Rechargeable Li-Ion battery 2860 mAh, 3,7V |

Mechanical

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|------------|---|
| Dimensions | Width: 77mm, Height: 19mm Length: 147mm |
| Color | black |
| Weight | 244g |

Environment

| | |
|-----------------------|-----------|
| Ingress protection | IP65 |
| Operating temperature | 0 to 50°C |

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