

## ≡ 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

|                          |                                                                    |
|--------------------------|--------------------------------------------------------------------|
| 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

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

## Electrical

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

## Mechanical

|            |                                         |
|------------|-----------------------------------------|
| 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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