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OPTICON

# H-28 - 1D/2D, Wifi, Bluetooth, Android,st. baterie

The rugged mobile computer Opticon H-28 is a perfect balance of a smartphone and a terminal. The H-28 comes in two versions, a 4G and WiFi-supported edition. Both editions are Bluetooth and NFC supported. The H-28 come with fast and accurate performance when scanning. This is due to the powerful processor that is hidden under the high-tech 5” display. Even the most complex tasks are an easy job for this mobile computer.

With the rugged H-28, Opticon provides a scanning, analyzing and service solution for industries within every sector such as Logistics, Postal, Healthcare, Retail, Industrial and Transportation among others.




The H-28 is categorized as a mobile computer and has all the capabilities of a high end scanner and PDA with the look of a smartphone. Additionally, the H-28 has a 16 MP rear facing camera with auto focus and LED flash. The H-28 is a scanner of high quality because of the Opticon engine. It is the ideal solution for users that have demanding applications.With the right application you will find that the H-28 is a multifunctional mobile computer that can stand every weather type and every work environment thanks to the rugged design and the IP rating of 67, which means the H-28 is dust- and water resistant and therefore can handle any climate.

**Key features:**

- Android OS
- 5 inch full color FHD touch screen
- 16 MP camera with auto focus
- High performance Opticon scanning
- Protection rate at IP 67

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# Technical Description

| | |
|---|---|
| **Functionality & Operation** | |
| Memory | 16GB , 2 GB RAM |
| Expansion slot | Micro SD Card (SDHC) |
| CPU Type | Qualcomm Snapdragon 617 A53 Octa Core |
| Operating system | Android 6.0.1 |
| 1D Barcode Symbologies | UPC/EAN/JAN, Codabar, Code 11, Code 128, Code 93, Code 39, GS1 128, IATA Code, Industrial 2 of 5, Interleaved 2 of 5, ISBN/ISSN, Matrix 2 of 5, MSI, Plessey, Telepen, Trioptic Code |
| Display type | 5" color Full HD Gorilla Glass |
| Touch-screen panel | capacitive multi-touch |
| 2D Code Symbologies | Aztec, Data Matrix, OCR-B, PDF417, QR code, MicroPDF417, Micro QR Code, MaxiCode, Composite codes |
| Indicators | 3 LEDs , buzzer, vibration |
| Operation interface | ON/OFF, volume up and down keys, color touch LCD panel , 2 programmable scan keys, 2 function keys, 3 OS keys |
| Wireless communication | Bluetooth®, GPS, NFC, WiFi |
| WLAN Features | IEEE 802.11 a/b/g/n/ac/r |
| **Optical** | |
| Bar code scanner | 2D Imager |
| Sensors | accelerometer, light sensor, gyroscope, e-compass, proximity sensor |
| Depth of scan field | 30 - 234 mm |
| Minimal PCS value | 0.9 |
| Camera | 16 MPix, with Autofocus, with LED flash , front camera 5 MPix |
| **Electrical** | |
| Main battery pack | Rechargeable Li-Ion battery 2960 mAh, 3,7V |
| **Mechanical** | |
| Weight | 308g |
| Dimensions | Width: 77mm, Height: 158mm Length: 16.9mm |
| **Environment** | |
| Ingress protection | IP67 |
| Operating humidity (non-condensing) | 10 to 90% |
| Operating temperature | -20 to 50°C |



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