

DENSO
DENSO WAVE

MOBILE COMPUTER

BHT-M70

SERIES

Driven by quality.

The Formula 1

among scanners.



Accelerate your business: The BHT-M70.

Turbo scanning. With the most powerful scan engine since DENSO began.

Same-day delivery, stocktake in real time, high-speed tracking along the supply chain. In trade and logistics, knowledge is everything. And those, who know more faster, take pole position.

BHT-M70 ramps your business up to turbo speeds. The Android device is equipped with the most powerful scan engine by DENSO WAVE and scans up to 30 labels per second. The Formula 1 among Auto ID terminals. By DENSO WAVE. Driven by Quality.



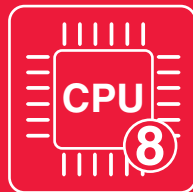
EXCELLENT OVERVIEW:

With the 4.0" screen everything that matters is in sight.



POWERFUL:

Octa-Core 2.2 GHz (Qualcomm SMD 660) for efficient processes without interruptions.



TOUGH:

Display with crack-resistant Asahi Dragontrail™ Pro glass fitted as a standard - one of the best in the industry.



ERGONOMIC:

The ergonomically shaped handle fits perfectly into the user's hands.



UP-TO-DATE:

Running Android™ 10 and option to upgrade to Android™ 13 from autumn 2023.

For fast movers in retail, logistics, and field service: **Applications.**

BHT-M70 increases your speed, **because there is no time to lose in business.** In retail: Inventory processes are shortened significantly – which reduces costs. In logistics and warehousing: Stocktake on the shelves? Works reliably at up to 1.5 m distance: Safety first: first in first out. In field service: Reading metering devices and planning routes at the same time? The BHT-M70 offers plenty of clever features like navigation via app and GPS.

Our latest generation of smart Auto ID technology.

These are just a few examples of its wide range of applications.

ORGANIZE LOGISTICS

Scan and locate your deliveries in real time using wireless LAN* – for tracking and tracing and improved route planning.

OPTIMISE FIELD SERVICE

Record the process status and progress immediately on site and communicate with head office whenever you need to – via wireless LAN*.

PROFESSIONALISE RETAIL

Whether it's for warehousing, ordering or sales management, collect data with precision – even if codes are damaged.

Keeps the pace. No matter how unfavourable the conditions: **The technical highlights.**

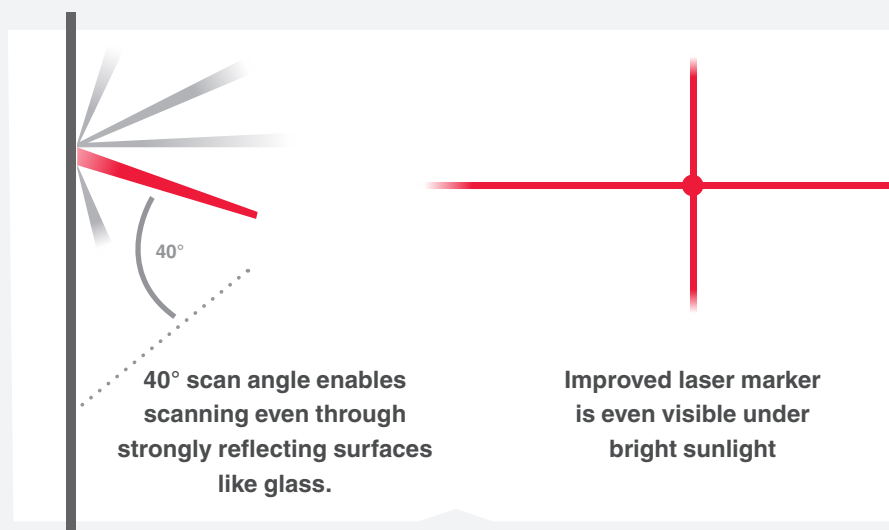
BHT-M70 is the next generation of DENSO WAVE Auto ID technology. High-speed scanning in race mode. Perfect when things get to extremes.

**Bad visibility?
No problem!**

There's no stopping the BHT-M70. Thanks to latest decode engine technology and a high-resolution sensor.



Superior scanning range

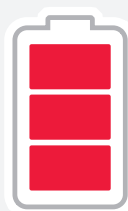


All crash tests passed with flying colours. **DENSO WAVE** quality at its best.

Anyone, who knows DENSO WAVE will agree: When we come up with an innovation, then its technology is beyond sophisticated. The BHT-M70 has passed each and every quality test without issue. And these are considered among the most stringent in the industry. **Pushing the envelope when it comes to everyday challenges.**



warranty



Battery life

perfect for long working hours.



Works at extreme temperatures from **-20° to +50° Celsius.**



IP67-certified

protection against water and dust.

Touchscreen easy to use

with wet fingers, gloves or a pen.



2.50 metres

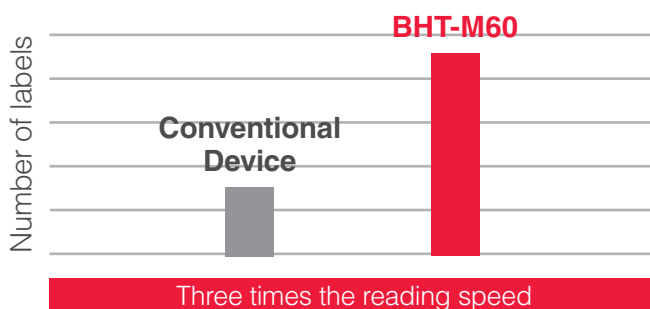
Survived umpteen fall tests

from heights of up to 2.5 m.

SCANS QUICKLY AND EFFORTLESSLY THANKS TO ADVANCED TECHNOLOGY FROM DENSO.

It is no secret anymore that mobile data capture devices are a much faster option for processes like goods receipts or stock takings than the pen and paper method. The BHT-M60 accelerates those processes even more: thanks to a new decode engine combined with a high performance CPU, which leads to three times faster scanings than with conventional readers.

Superior reading speed.
Stress-less, continuous scanning.



SPECIFICATIONS

| Model | BHT-M70-QWG | | BHT-M70-QW | |
|----------------------------|--|---|--|--|
| OS | Android™ 10 | | | |
| CPU | Qualcomm® SDM660 64 bit 2.20 GHz (Octa-Core) | | | |
| Memory | RAM | 4 GB | | |
| | Flash ROM | 64 GB | | |
| Display | Screen size & resolution ^{*1} | 4.0 inch WVGA (480x800) | | |
| | Display device | Dot matrix liquid crystal display (colour) | | |
| | Backlight | White LED | | |
| Reader | Reading method | Area sensor | | |
| | Supported code | 2D code | QR Code, Micro QR Code, SQRC®, PDF417, Micro PDF417, Maxi Code, Data Matrix (ECC200) und GS1 Composite | |
| | | Barcode | EAN-13/8 (JAN-13/8), UPC-A/E, UPC/EAN (Add-on eingebunden), Interleaved 2 von 5, Codabar (NW-7), CODE39, CODE93, CODE128, GS1-128 (EAN-128), Standard 2 von 5 (STF) und GS1 DataBar(RSS) | |
| | | OCR ^{**} | Supported | |
| | Minimum resolution | 2D code | 0.127 mm | |
| | | Barcode | 0.076 mm | |
| Marker | Cross guide marker | | | |
| Reading confirmation | Blue LED, speaker, and vibration | | | |
| Keys | Number of keys | 27 keys (including the power key), cursor keys, and 3 trigger keys | | |
| Touch Panel | | | | |
| Communication | Wireless LAN connection | Standard | Asahi Dragontrail™ Pro ^{**3} - wet touch / gloved fingertip / stylus | |
| | | Frequency ⁴ | Compliant with IEEE802.11a/b/g/n/ac und MU-MIMO 2x2 | |
| | Security | 5 GHz-band (W52, W53, W56, and W58), 2.4 GHz-band (1 to 13 channels) | | |
| | | Encryption: WEP (40/128), TKIP, and AES WPA authentication: WPA and WPA2 and WPA3 User authentication: PSK, EAP-TLS, and PEAP | | |
| | WWAN ⁴ | Supported: GSM/W-CDMA/LTE and VoLTE FDD-LTE (4G) - Band 1, 2, 3, 4, 5, 7, 8, 12, 13, 17, 19, 20, 25, 26, 28 TDD-LTE (4G) - Band 39, 40, 41 W-CDMA/UMTS/HSPA/HSPA+ (3G) - Band 1, 5, 6, 8, 19 GSM/GPRS/EDGE (2G) - Band 850, 900, 1800, 1900 MHz | | |
| | GPS | A-GPS/GLONASS/QZSS/BeiDou/Galileo | | |
| | Bluetooth® | Bluetooth® Ver5.1+EDR/LE Supported profile: RFCOMM/A2DP/AVCTP/ACDTP/GVDP/AVRCP/DUN/DI/HFP/HID/HSP/IOP/MAP/OPP/BNEP/PAN/PBAP/SAP/SPP/HOGP/SCPP | | |
| | USB | USB2.0 (Type-C) | | |
| | NFC ⁵ | ISO/IEC14443A&B und FeliCa, ISO/IEC15693 (RFID) | | |
| | Camera | Rear 13MP autofocus with a LED light | | |
| Card slot | microSD (SDHC and SDXC (up to 128 GB)) SDHC Speed class 4 supported | | | |
| | Nano SIMx2 DSDV (4Gx4G) | | | |
| Microphone receiver | Attached ⁶ | | | |
| Speaker | 90dB or more at 10 cm away (at 2.8kHz) | | | |
| Sensor | G-sensor, gyro sensor, proximity sensor, light intensity sensor and geomagnetic sensor | | | |
| Power supply | Main battery | Lithium-ion battery with 3.050 mAh | | |
| | USB charging | Compliant with Qualcomm® Quick Charge™ 3.0 | | |
| | Operating time ⁹ | Approx. 20 hours ¹⁰ | | |
| Environmental requirements | Operating temperature ⁷ | -20°C to 50°C | | |
| | Operating humidity | 20 to 80%RH (non-condensing and non-icing) | | |
| | Protection rating ⁸ | IP65 / IP67 | | |
| | Drop resistance ⁸ | 60 or more drops from 1.5 m, 2.5 m | | |
| Weight (incl. battery) | Approx. 330g (including battery) | | | |

*1. The LCD display is manufactured with precise technology. The rate of non-defective pixels is 99.99% or more, which means that 0.01% or less pixels could be stuck or dead. / *2. Chargeable license required. / *3. Dragontrail® Pro is a registered trademark of AGC Inc. / *4. Actual operating channels/frequencies and bandwidths depend on regulatory rules and certification agency. / *5. Before using the NFC function, perform test reading sufficiently using the target NFC card. / *6. A headset or headphone can be connected through the USB Type-C cable. A USB Type-C-to-audio jack (3.5 mm) conversion cable is optional. A USB Type-C-to-audio jack (3.5 mm) conversion cable is optional. / *7. 0°C to 40°C during charging. / *8. These are the values tested at a room temperature, and not guaranteed values. / *9. The operating time is a reference value at a room temperature and may differ depending on the operating conditions. / *10. This is a result of measurement based on the JEITA HT Standard Operation Mode G, and may change depending on the operating environment and system settings.

ACCESSORIES (sold separately)

Communication / Charger

- USB type charger CU-M70U
- USB type charger CU-M70UQ (QC3.0)
- Charger CU-M70L
- 4 slot unit charger CH-M70-4
- 4 slot battery charger CH-BT1-4
- AC adapter / AC adapter (QC3.0)

Batteries

- BT3 (3.050 mAh)

Others

- Waist case, stylus pen
- USB Type-C conversion cable (1.5m)

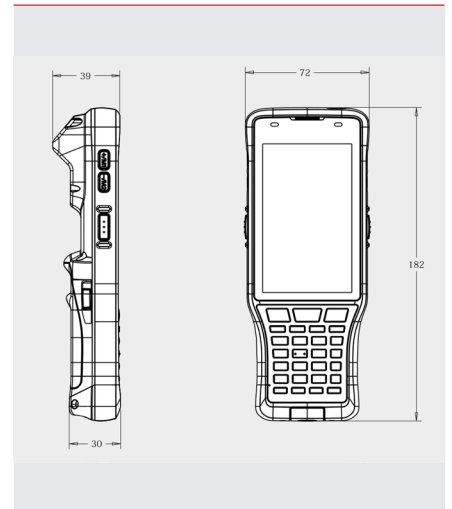
COMPONENTS

- Main Unit
- Lithium-Ion battery BT3 incl. cover
- Handbelt (HBBHT-M80)
- Operator's guide

SOFTWARE

- SDK
- Scan Settings
- BHT Browser
- BHT Link
- BHT Setting
- BHT DMS
- Battery Monitor
- WLAN Manager
- BHT Remote
- Application Launcher
- BHT Security Package

DIMENSIONS



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TO USE THIS PRODUCT SAFELY

Before using this product, read its User's Manual thoroughly.

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