



Honeywell CK65 - Durability and performance combined

- ✓ Supports four generations of Android for a future-proof investment
- ✓ Robust touchscreen and multiple keyboard layouts for every application area
- ✓ 3 scan engines to choose from - Autofocus with 24 metre reading range
- ✓ Battery life of up to 28 hours
- ✓ Ultra-rugged: IP65 and IP68 protection, drop-proof up to 3 metres

Features

Readable codes: 1D, 2D

Anzeige: 4 Zoll, Corning Gorilla Glass 5

Operating system: Android 9 to Android 13

Processor: 2.2 GHz Qualcomm 64-bit Snapdragon Octa-Core

Memory: 2 GB/4 GB DDR4 RAM, 32 GB Flash

Feedback: LED, sound and vibration

Keyboard: alphanumeric with 51 or 53 keys, numeric with 38 or 42 keys, large numeric keys, two programmable side keys

Communication: WLAN, Bluetooth, NFC

Additional features: Camera (13 MP), various sensors

Battery: 7000 mAh, 28 h

Protection: IP65 and IP68, drop-proof up to 3 m

Operating temperature: -20 (-30) - 50 °C

Dimensions (W x L x H): 83 x 227 x 42 mm

Weight: 498 - 544 g

Optional accessories

Single and multiple charging stations

Single and multiple docking stations

Vehicle mounts

Holster

Hand straps

Handles with trigger

Rubber Boots

Batteries with extended capacity

SYSTEM ARCHITECTURE

Processor: 2.2 GHz Qualcomm 64-bit Snapdragon octa-core

Operating System: Support from Android 9 to Android 13 is provided, with committed support for Android 14 pending feasibility. Not all SKUs have sufficient memory capacity to run all versions of Android. Verify memory configuration with chosen software*

Memory: 2 GB/4 GB DDR4 RAM, 32 GB Flash

Display: 10.16 cm (4 in) 480 x 800 bright color LCD with backlight, outdoor readable, optically bonded Corning Gorilla Glass 5 touch panel

Touch Panel: Rugged multi-touch capacitive touch panel, optically bonded for extra durability and better sunlight viewability. Automatic detection and configuration utilizing mutual and self-capacitance modes for water rejection and use with many off-the-shelf gloves

Keypad: 51 or 53-key alpha numeric, 38 or 42-key numeric function, or 30-key large numeric keypads, plus two programmable side buttons

Audio: Speaker, microphone support with noise cancellation. PTT support and Bluetooth® wireless headset support

I/O Ports: Durable, custom I/O connector compatible with CK3 accessories

Camera: 13.0-megapixel color camera with autofocus and advanced software features for better image quality, f/2.0 aperture, flash LED with flashlight mode

Sensors: Ambient light sensor, accelerometer, gyroscope, hall effect, High-G accelerometer

Storage Expansion: User-accessible microSD card up to 512 GB (SDXC/SDHC/SDIO-compliant)

Battery: Li-Ion, 7,000 mAh Smart Battery

Hours of Operation: 28 hours

Scanning Capabilities: Honeywell N6703 Slim Imager Engine (1D/2D); Honeywell N6803 FlexRange Slim Imager (1D/2D); Honeywell FlexRange XLR Slim Imager (1D/2D); Honeywell EX20 Near/Far Imager (1D/2D); Honeywell Scanning SDKs for Android

Warranty:

One-year limited factory warranty

MECHANICAL

**N6703SR/FlexRange XLR Version/
N6803 FlexRange**

Dimensions:

22.7 cm x 8.3 cm x 4.2 cm
(8.9 in x 3.3 in x 1.7 in)

**N6703SR/FlexRange XLR Version/
N6803 FlexRange**

Weight:

498 g (17.6 oz) with battery pack

EX20 Version Dimensions:

22.7 cm x 8.3 cm x 4.7 cm
(8.9 in x 3.3 in x 1.9 in)

EX20 Version Weight:

544 g (19.2 oz) with battery pack

WIRELESS CONNECTIVITY

WLAN: IEEE 802.11 a/b/g/n/ac;

Wi-Fi certified 2x2 MIMO support

Additional WLAN Features: 802.11 d/e/h/i/k/r/w

WLAN Security: OPEN, WEP, WPA/WPA2/WPA3 (Personal and Enterprise)

Supported EAP: TLS, PEAP, TTLS, PWD, LEAP CCX Version 4 certified

Bluetooth: V5.0 with BLE and Backward Compatibility

Bluetooth Profiles: HFP, PBAP, A2DP, AVRCP, OPP, SPP, GATT

NFC: Integrated Near Field Communication

VoIP: Supported

VPN: IPSec V4/L2TP, PPTP

Push to Talk (PTT): Supported

DATA SECURITY

FIPS 140-2 Level 1 Validated

- Data at Rest

- Data in Motion

ENVIRONMENTAL

Operating Temperature:

Standard Temp Unit: -20°C to 50°C
(-4°F to 122°F)

Cold Storage Unit: -30°C to 50°C
(-22°F to 122°F)

Storage Temperature: -30°C to 70°C
(-22°F to 158°F)

Humidity: 0 to 95% relative humidity (non-condensing)

ESD: ±15 kV Air and ±8 kV Direct

Environmental Sealing: Independently certified to meet IP65 and IP68 standards for moisture and particle intrusion

DEVICE DURABILITY

Drop: 3 m (10 ft) to concrete at room temperature, 2.4 m (8 ft) across operating range per MIL-STD 810G

Tumble: 3,000 1.0 m (3.3 ft) tumbles per IEC 60068-2-32 specification

ADDITIONAL CERTIFICATIONS AND APPROVALS

US/Canada:

Class 1 Div 2, Groups A, B, C, and D

Class 2 Div 2, Groups F, G

Class 3

T5, -20°C < Tamb < 50°C (-4°F to 122°F)

ATEX:

Ex II 3G Ex ic op is IIC T5 Gc IP64

Ex II 3D Ex ic op is IIIB T100°C Dc IP64, -20°C < Tamb < 50°C

IEC Ex:

Ex ic op is IIC T5 Gc IP64

Ex ic op is IIIB T100°C Dc IP64, -20°C < Tamb < 50°C