

# Honeywell®

## CK65 Ultra-rugged Mobile Computer, 2D imager, Near/Far, 51-key, Wi-Fi, BT, Camera, Android 8, GMS, ATEX

Based on Honeywell's Mobility Edge™ Android™ platform, the Dolphin™ CK65 Mobile Rugged Mobile Computer is a rugged, powerful, workhorse computer designed to streamline and error-proof warehouse and manufacturing work for two full shifts without a battery change. It is a refresh of Honeywell's very popular CK3X and CK3R mobile computers.

The industry's most advanced ultra-rugged mobile computer that's ready for the toughest DC environments and the broadest range of workflows, the CK65 is designed to maximize worker productivity and minimize TCO. Honeywell's legacy of imaging innovation continues on the CK65 with the newest FlexRange FR imager. The FlexRange FR has a dual-lens architecture that simultaneously captures near, mid, and far range with no moving parts. And with a 7,000 mAh extended smart battery, the CK65 is capable of up to 28 hours of continuous operation, so workers finding themselves with a dead battery in the middle of their shift will be a thing of the past.



- Reduces your investment with its backward compatibility to the accessories of the CK3X and CK3R computers
- Extends the useful life by supporting Android releases through Android R and providing extended security updates beyond that
- Designed for warehouses, manufacturing, cold storage up to -30°C (-22°F), non-incendive (NI), and hazardous (ATEX) environments

YOUTUBE='j2aKadh8Jds'



# Technical Description

## Functionality & Operation

|                          |                                                                                                                                                                |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Memory                   | 4GB DDR4 RAM,32 GB Flash                                                                                                                                       |
| Operation interface      | 51-key numeric keypad, plus two programmable side buttons                                                                                                      |
| CPU Type                 | 2.2 GHz Qualcomm® 64-bitSnapdragon™ octa-core                                                                                                                  |
| Operating system         | Android                                                                                                                                                        |
| Display type             | 10.16 cm (4 in) 480 x 800 bright color LCD with backlight, outdoorreadable, optically bonded to touch paneloptically bonded Corning Gorilla Glass Stouch panel |
| Touch-screen panel       | capacitive multi-touch                                                                                                                                         |
| Audio                    | built-in microphone and speaker , PTT voice, Bluetooth headset                                                                                                 |
| 1D Barcode Symbolologies | All standard one-dimension barcodes                                                                                                                            |
| 2D Code Symbolologies    | all standard 2D-Codes                                                                                                                                          |
| Wireless communication   | Bluetooth®, NFC, WiFi                                                                                                                                          |
| Expansion slot           | microSD 512 GB (SDXC/SDHC/SDIO-compliant)                                                                                                                      |
| Bluetooth profiles       | HFP, PBAP, A2DP,AVRCP, OPP, SPP, GATT                                                                                                                          |
| WLAN Features            | IEEE 802.11 a/b/g/n/ac; Wi-Fi certified 2x2 MIMO support                                                                                                       |
| WPAN Features            | V5.0 with BLE and Backward Compatibility                                                                                                                       |

## Optical

|                  |                                         |
|------------------|-----------------------------------------|
| Camera           | 13 MPix, with Autofocus, with LED flash |
| Bar code scanner | 2D Imager , EX20 Near/Far Range         |
| Sensors          | light sensor, accelerometer, gyroscope  |

## Electrical

|                       |                                 |
|-----------------------|---------------------------------|
| Main battery pack     | Li-Ion, 7,000 mAh Smart Battery |
| Battery charging time | 28hod                           |

## Mechanical

|            |                                         |
|------------|-----------------------------------------|
| Dimensions | Width: 83mm, Height: 227mm Length: 47mm |
| Weight     | 544g                                    |

## Environment

|                                   |             |
|-----------------------------------|-------------|
| Operating temperature             | -20 to 50°C |
| Storage humidity (non-condensing) | 0 to 95%    |
| Storage temperature               | 20 to 70°C  |

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