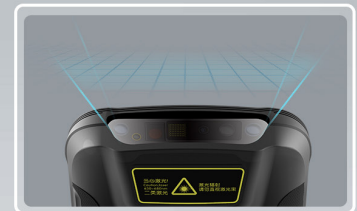














**INFRARED**



# C71

## Mobile Computer InfraRed

- |   |   |   |   |   |
|---|---|---|---|---|
|  |  |  |  |  |
| Android   | 4G  | WiFi  | Bluetooth   | InfraRed  |
|  |  |  |  |  |
| 1D Barcode  | 2D Barcode  | NFC   | Camera  | GPS   |

Chainway C71 is an Android rugged mobile computer. With its powerful quad-core processor, stable wireless connections and comprehensive data capture options, you can find this easy-to-deploy device a valuable helper to increase working efficiency and productivity in various meter reading operations.



# Specification

## Physical Characteristics

<b>Dimensions</b>	164.2*78.8*17mm/6.46*3.10*0.67in
<b>Weight</b>	<284g/10.02oz
<b>Display</b>	5.2" IPS FHD 1920x1080
<b>Touch Panel</b>	Corning Gorilla Glass, multi-touch panel, gloves and wet hands supported
<b>Power</b>	Main battery: Li-ion, rechargeable, 5000mAh Standby: over 350 hours Continuous use: over 12 hours (depending on user environment) Charging time: 3-4 hours (with standard adaptor and USB cable)
<b>Expansion Slot</b>	1 slot for SIM card, 1 slot for SIM or TF card
<b>Interfaces</b>	USB 2.0 Type-C, OTG
<b>Audio</b>	Speaker, 2 microphones
<b>Keypad</b>	4 front keys, 1 power key, 2 scan keys, 1 multifunctional key
<b>Sensors</b>	Gravity sensor, light sensor, proximity sensor, vibration motor

## Performance

<b>CPU</b>	Cortex-A53 Quad-core 1.45GHz
<b>RAM+ROM</b>	2GB+16GB
<b>Expansion</b>	Supports up to 128 GB Micro SD card

## Developing Environment

<b>Operating System</b>	Android 6.0
<b>SDK</b>	Chainway Software Development Kit
<b>Language</b>	Java
<b>Tool</b>	Eclipse / Android Studio

## User Environment

<b>Operating Temp.</b>	-4°F to 122°F / -20°C to 50°C
<b>Storage Temp.</b>	-40°F to 158°F / -40°C to 70°C
<b>Humidity</b>	5%RH - 95%RH non condensing
<b>Drop Specification</b>	Multiple 1.8m/5.9ft drops (at least 20 times) to the concrete across the operating temperature range
<b>Tumble Specification</b>	1000 x 0.5m/1.6ft falls at room temperature
<b>Sealing</b>	IP65/IP67 per IEC sealing specifications
<b>ESD</b>	±15KV air discharge, ±6KV conductive discharge

## Communication

<b>WLAN</b>	IEEE802.11 a/b/g/n, 2.4G/5G dual-band, internal antenna
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<b>WWAN(Europe)</b>	2G: 850/900/1800/1900MHz 3G: 850/900/1900/2100MHz 4G: B1, B3, B5, B7, B8, B20, B40
<b>WWAN(America)</b>	2G: 850/900/1800/1900MHz 3G: 850/900/1700/1900MHz 4G: B2, B4, B7, B12, B17
<b>WWAN (China)</b>	2G: 900/1800MHz 3G: 900/1900/2000/2100MHz 4G: B1, B3, B5, B38, B39, B40, B41
<b>WWAN (Others)</b>	Depending on the country's ISP
<b>Bluetooth</b>	Bluetooth 4.0, BLE
<b>GNSS</b>	GPS/AGPS, GLONASS, BeiDou, internal antenna

## Data Collection

### Camera

<b>Rear Camera</b>	13MP Autofocus with flash
<b>Front Camera (optional)</b>	5MP camera

### InfraRed

<b>Wavelength</b>	940nm
<b>Frequency</b>	38kHz
<b>Range</b>	> 4m
<b>Protocol</b>	DLT_645-2007, DLT_645-1997

### NFC

<b>Frequency</b>	13.56MHz
<b>Protocol</b>	ISO14443A/B, ISO15693, NFC-IP1, NFC-IP2, etc.
<b>Chips</b>	M1 card (S50, S70), CPU card, NFC tags, etc.
<b>Range</b>	2-4cm

## Barcode Scanning (optional)

<b>2D Imager Scanner</b>	Zebra SE4710
<b>1D Symbolologies</b>	UPC/EAN, Code128, Code39, Code93, Code11, Interleaved 2 of 5, Discrete 2 of 5, Chinese 2 of 5, Codabar, MSI, RSS, etc.
<b>2D Symbolologies</b>	PDF417, MicroPDF417, Composite, RSS, TLC-39, Datamatrix, QR code, Micro QR code, Aztec, MaxiCode; Postal Codes: US PostNet, US Planet, UK Postal, Australian Postal, Japan Postal, Dutch Postal (KIX), etc.

## Accessories(See details in Accessory Guide)



Cradle (Optional)



AC Adaptor



USB Cable



Holster

Notice: Product specifications are subject to change without prior notice. / Model: C71 InfraRed / Update Date: 2018-10-18

**CHAINWAY®**

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