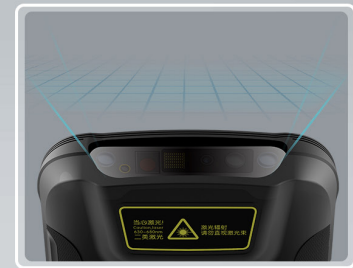




**Infrared**



# 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 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

## Performance

<b>CPU</b>	Cortex-A53 Octa-core 2.5 GHz
<b>RAM+ROM</b>	3 GB + 32 GB
<b>Expansion</b>	Supports up to 128 GB Micro SD card
<b>Operating System</b>	Android 8.1; Soti MobiControl, SafeUEM supported

## Communication

<b>WLAN</b>	IEEE802.11 a/b/g/n/ac, 2.4G/5G dual-band, internal antenna
<b>WWAN (China)</b>	2G: 900/1800 MHz
	3G: WCDMA: B1/B8
	CDMA2000 EVDO: BC0
	TD-SCDMA: B34/B39
4G: B1/B3/B5/B8/B34/B38/B39/B40/B41	
<b>WWAN (Europe)</b>	2G: 850/900/1800/1900 MHz
	3G: B1/B2/B4/B5/B8
	4G: B1/B3/B5/B7/B8/B20/B40
<b>WWAN(America)</b>	2G: 850/900/1800/1900 MHz
	3G: B1/B2/B4/B5/B8
	4G: B2/B4/B7/B12/B17/B25/B66
<b>WWAN (Others)</b>	Depending on the country's ISP
<b>Bluetooth</b>	Bluetooth v2.1+EDR,3.0+HS,v4.1+HS
<b>GNSS</b>	GPS/AGPS, GLONASS, BeiDou; internal antenna

## Physical Characteristics

<b>Dimensions</b>	164.2 x 78.8 x 17.0 mm / 6.46 x 3.1 x 0.67 in.
<b>Weight</b>	< 284 g / 10.02 oz.
<b>Display</b>	5.2" IPS FHD 1920 x 1080
<b>Touch Panel</b>	Corning Gorilla Glass, multi-touch panel, gloves and wet hands supported
<b>Power</b>	Main battery: Li-ion, rechargeable, 5000 mAh
	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, TypeC headphones supported
<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

## Developing Environment

<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 1.8 m / 5.9 ft. drops (at least 20 times) to the concrete across the operating temperature range
<b>Tumble Specification</b>	1000 x 0.5 m/1.64 ft. falls at room temperature
<b>Sealing</b>	IP65/IP67 per IEC sealing specifications
<b>ESD</b>	±15 KV air discharge, ±6 KV conductive discharge

## Data Collection

### Camera

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

### InfraRed

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

### NFC

<b>Frequency</b>	13.56 MHz
<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>	2-4 cm

### 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

<b>Standard</b>	AC Adaptor, USB Cable, Lanyard, etc.
<b>Optional</b>	Cradle, Holster, etc.

\* For detailed specification, please check Accessory Guide.

Notice: Product specifications are subject to change without prior notice. / Model: C71 InfraRed / Update Date: 2019-11-11

**CHAINWAY**<sup>®</sup>

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