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> DCU TECNOLOGIC Senior Smartwatch - GPS and 4G Video Call - 1.69" IPS Full Touch Screen - IPX6 Waterproof - Model 10053843

DCU TECNOLOGIC 10053843

DCU TECNOLOGIC Senior Smartwatch Instruction Manual

Model: 10053843

INTRODUCTION

This manual provides comprehensive instructions for the DCU TECNOLOGIC Senior Smartwatch, Model 10053843. This smartwatch is designed to facilitate communication and provide safety features for elderly users, including GPS tracking, 4G video calls, and health monitoring. Please read this manual carefully before using the device to ensure proper operation and to maximize its features.

KEY FEATURES

- **4G Connectivity & Video Calls:** Supports 4G SIM card for calls, text, voice messages, and video calls.
- **Real-time Location:** Integrated GPS + LBS + Wi-Fi positioning system for approximate location tracking.
- **Emergency Functions:** SOS emergency button and fall detection alert.
- **Health Monitoring:** Monitors heart rate, blood pressure, blood oxygen (SpO2), pedometer, sedentary alarm, and medication reminders.
- **Display:** 1.69-inch IPS Full Touch screen for clear visuals and easy interaction.
- **Durability:** IPX6 waterproof rating.
- **Additional Functions:** Camera, gallery, calculator, stopwatch, contact directory, and automatic rejection of unknown calls.
- **Compatibility:** Compatible with iOS 9.0 or higher and Android 4.4 or higher devices.

SETUP GUIDE

1. SIM Card Installation

The smartwatch requires a 4G LTE SIM card (not included) with a dedicated phone number, data, and call minutes for full functionality (calls, messages, location tracking). Prepaid, duplicate, or multi-SIM cards are not supported.

1. **Deactivate PIN:** If your SIM card has a PIN, insert it into a mobile phone first and disable the PIN code.

2. **Insert SIM:** Carefully insert the activated 4G SIM card into the designated slot on the smartwatch. Refer to the diagram below for SIM card orientation.



Image: Rear view of the smartwatch showing the SIM card slot. Ensure correct orientation when inserting the SIM card.

2. Initial Charging

Before first use, fully charge the smartwatch. Connect the charging cable to the watch and a compatible USB power source. A full charge typically takes 2-3 hours. The battery life is approximately 1 day, so daily charging is recommended.

Montre intelligente senior avec Appels vidéo GPS et 4G



Image: The smartwatch connected to its charging cable.

3. App Pairing

Download the companion application on a compatible smartphone (iOS 9.0+ or Android 4.4+). Follow the in-app instructions to pair the smartwatch with the smartphone. This enables full access to features like location tracking, health data, and remote settings management.

OPERATING INSTRUCTIONS

1. Power On/Off

- **Power On:** Press and hold the power button (usually on the side) until the screen lights up.
- **Power Off:** Press and hold the power button, then select "Power Off" on the screen.

2. Navigation

The 1.69-inch IPS Full Touch screen allows for intuitive navigation. Swipe left/right or up/down to access different menus

and functions. Tap icons to select them.



fonction d'appel vidéo

Image: The smartwatch screen showing the main interface with time and date.

3. Making Calls and Video Calls

- **Voice Calls:** Access the "Contacts" menu, select a contact, and tap the call icon. The watch supports automatic rejection of unknown calls.
- **Video Calls:** Navigate to the video call function. Select a contact to initiate a video call. This feature requires 4G data connectivity.



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Image: A visual representation of the video call function between the smartwatch and a smartphone.

4. GPS Tracking and Safety Zones

The smartwatch uses GPS, LBS, and Wi-Fi for approximate location tracking. Through the companion app, you can view the wearer's location and set up "safety zones." An alert will be sent to the paired phone if the wearer leaves a designated safety zone.



Image: The smartwatch interface overlaid with a map and a location pin, illustrating the GPS tracking feature.

5. SOS Emergency Button and Fall Detection

In an emergency, press and hold the SOS button on the watch. This will send an alert to pre-set emergency contacts. The watch also features fall detection, which can automatically trigger an alert if a fall is detected.



Image: The smartwatch positioned near a red emergency light, symbolizing the SOS and fall detection features.

6. Health Monitoring

Access health functions from the main menu. The watch can measure heart rate, blood pressure, and blood oxygen levels. It also includes a pedometer to track steps, a sedentary alarm to remind users to move, and medication reminders.



Image: The smartwatch screen showing various health monitoring icons, such as heart rate, blood oxygen, and step counter.

MAINTENANCE

- **Cleaning:** Wipe the watch with a soft, dry cloth. For stubborn dirt, use a slightly damp cloth and immediately dry. Avoid harsh chemicals.
- **Water Resistance:** The watch is IPX6 waterproof, meaning it is protected against strong jets of water. It is not suitable for swimming or submersion. Avoid exposing it to hot water or steam.

- **Battery Care:** Charge the watch daily. Avoid completely draining the battery frequently to prolong its lifespan. Do not expose the watch to extreme temperatures.
- **Software Updates:** Keep the companion app updated to ensure the latest features and security patches for your smartwatch.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Watch does not power on.	Low battery.	Charge the watch for at least 30 minutes before attempting to power on.
Cannot make/receive calls or use 4G features.	SIM card not installed correctly, SIM card not activated, or no data/call plan. SIM PIN active.	Ensure the 4G SIM card is correctly inserted and activated with a valid plan. Deactivate SIM PIN on another phone before inserting.
Inaccurate GPS location.	Weak GPS signal (indoors, dense areas).	Move to an open area with a clear view of the sky. GPS accuracy can vary. LBS and Wi-Fi assist with approximate location.
Health monitoring readings seem incorrect.	Improper fit, movement during measurement, or not a medical device.	Ensure the watch is snug on the wrist. Remain still during measurements. Note that this device is not a medical instrument; readings are for reference only.
Watch not pairing with smartphone app.	Bluetooth/Wi-Fi off on phone, app outdated, or watch not in pairing mode.	Ensure Bluetooth and Wi-Fi are enabled on your phone. Update the app. Restart both the watch and phone, then try pairing again.

SPECIFICATIONS

Feature	Detail
Brand	DCU TECHNOLOGIC
Model Number	10053843
Color	Grey
Screen Size	1.69 Inches
Connectivity	4G Cellular, Wi-Fi
Special Features	Video Calls, ECG (implied by 'Ec'), Alarm Clock, GPS, LBS, Wi-Fi Positioning, SOS Button, Fall Detection, Health Monitoring (Heart Rate, Blood Pressure, SpO2, Pedometer, Sedentary Alarm, Medication Reminders)
Compatible Devices	Smartphones (iOS 9.0+, Android 4.4+)

Feature	Detail
Battery Composition	Aluminum Oxide
Battery Capacity	1000 mAh (estimated)
Wireless Communication Standard	802.11n (Wi-Fi)
Memory Storage Capacity	1 GB
Water Resistance	IPX6
Languages Available	Spanish, English, French, Italian

WARRANTY AND SUPPORT

The product comes with a **3-year warranty**. For warranty claims or technical support, please contact DCU TECNOLOGIC customer service. Refer to the product packaging or the official DCU TECNOLOGIC website for contact details. Software updates are not guaranteed beyond the initial release, as per available information. Information regarding spare parts availability is also not provided.