

[Manuals.plus](#) /

› [IIIF150](#) /

› IIIF150 H2022 Rugged Mobile Phone User Manual

IIIF150 H2022

IIIF150 H2022 Rugged Mobile Phone User Manual

Model: H2022 | Brand: IIIF150

1. INTRODUCTION

The IIIF150 H2022 is a rugged mobile phone designed for durability and performance in challenging environments. It features an Android 11 operating system, a 5.5-inch display, and a robust 4800mAh battery. This device is certified with IP68, IP69K, and MIL-STD-810G standards, ensuring resistance against water, dust, and drops. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your device.



IIIF150 H2022

Rugged Mobile Phone



IP68 IP69K

Lightweight & Strong



Android 11 Rugged Phone

Fast and Smooth



4GB RAM + 32GB ROM

MTK6761



13MP Main Camera

Support HDR Camera



4800mAh Battery

24 Hours Constant Power Guarantee



NFC & Google Pay

Safer and More Convenient

Figure 1.1: The IIIF150 H2022 Rugged Mobile Phone, showcasing its design and primary features like IP68/IP69K rating, Android 11, 4GB RAM + 32GB ROM, 13MP camera, 4800mAh battery, and NFC capabilities.

2. SAFETY INFORMATION

- **Battery Safety:** Do not disassemble, puncture, or modify the battery. Avoid exposure to extreme temperatures or fire.
- **Charging:** Use only the charger and cable provided by the manufacturer. Unplug the charger when not in use.
- **Water Resistance:** While the device is water-resistant, ensure all ports are securely closed before exposure to water. Avoid prolonged immersion beyond specified limits.
- **Operating Temperature:** Operate the device within the specified temperature range of -40°C to 70°C.
- **Disposal:** Dispose of the device and its battery responsibly according to local regulations.

3. PACKAGE CONTENTS

Upon opening the package, verify that all the following items are included:

- IIIF150 H2022 Smartphone
- Charger (5V/1A)

- USB Cable
- SIM Tray Ejector
- Quick Guide
- Warranty Card



Figure 3.1: The complete set of items included in the IIF150 H2022 product box, featuring the smartphone, charger, USB cable, SIM tray ejector, quick guide, and warranty card.

4. SETUP

4.1. SIM and TF Card Installation

1. Locate the SIM card tray on the side of the phone.
2. Insert the provided SIM tray ejector tool into the small hole next to the tray. Press gently until the tray pops out.
3. Place your Nano-SIM card(s) and/or TF (microSD) card into the designated slots on the tray. Ensure the metal contacts face downwards. The device supports two SIM cards or one SIM card and one TF card.
4. Carefully reinsert the tray into the phone until it is flush with the device body.

MediaTek Helio A22 Processor



MTK6761



4GB+32GB
RAM & ROM



256GB
Expandable up to



Figure 4.1: An illustration of the MediaTek MTK6761 processor, indicating the 4GB RAM and 32GB ROM, expandable up to 256GB. This image also represents the internal components related to memory and processing.

4.2. Initial Charging

Before first use, it is recommended to fully charge your IIF150 H2022. Connect the USB cable to the phone's charging port and the other end to the provided 5V/1A charger. Plug the charger into a power outlet. The charging indicator will show the charging status. A full charge may take several hours.

4.3. Power On/Off

- **To Power On:** Press and hold the Power button (usually on the right side) until the IIF150 logo appears.
- **To Power Off:** Press and hold the Power button until the power options menu appears. Select "Power off" and confirm.

5. OPERATING INSTRUCTIONS

5.1. Basic Navigation (Android 11)

Your IIF150 H2022 runs on Android 11, offering an intuitive user experience. Use touch gestures such as tapping, swiping, pinching, and spreading to navigate the interface, open apps, and control functions. The device also supports a Dark Theme for reduced eye strain and a Game Mode for optimized performance.



Figure 5.1: The Android 11 operating system interface, displaying various applications and specialized outdoor tools such as Torch, Compass, Noise Detection, Protractor, Plumb, Fs Clock, Timer, Voice Simulation, and Step Counting.

5.2. Camera Functions

The phone is equipped with a 13MP rear camera and a 5MP front camera. Open the Camera app to access various modes and features:

- **HDR:** Enhances dynamic range for balanced exposure in high-contrast scenes.
- **Face Beauty:** Applies enhancements for portraits.
- **Panorama:** Captures wide-angle scenic shots.
- **Mono:** Takes black and white photos.
- **Scan:** For scanning documents or QR codes.
- **Underwater Photography:** The rugged design allows for capturing photos underwater (ensure all ports are sealed).



Figure 5.2: Details of the IIF150 H2022's camera system, highlighting the 13MP rear camera with 4 LED flashlight and a 5MP front camera. It also shows various camera modes like HDR, Face Beauty, Panorama, Mono, and Scan.

5.3. NFC & Google Pay

The device supports NFC (Near Field Communication) for convenient transactions and data exchange. Enable NFC in settings to use features such as:

- **Contactless Payments:** Use Google Pay for secure credit card payments.
- **Electronic Access:** For compatible prepaid bus/metro passes or electronic access systems.
- **High-Speed Data Transmission:** For quick pairing with other NFC-enabled devices.

NFC & Google Pay



Prepaid Bus/
Metro Pass



Electronic
Access



Credit Card
Payment



High-Speed
Data Transmission



Figure 5.3: The IIF150 H2022 phone being used for NFC and Google Pay, illustrating its capabilities for prepaid passes, electronic access, credit card payments, and high-speed data transmission.

5.4. Outdoor Tools

The IIF150 H2022 includes a suite of outdoor tools designed for adventurers and professionals:

- **GPS:** For navigation and location tracking.
- **Compass:** For directional guidance.
- **Flashlight:** Built-in powerful light source.
- **Noise Detection:** Measures ambient sound levels.
- **Protractor & Plumb:** For measuring angles and vertical alignment.
- **Fs Clock & Timer:** Utility for timekeeping.
- **Voice Simulation:** (Specific function may vary, refer to in-app guide).
- **Step Counting:** Tracks physical activity.
- **Magnifier:** For close-up viewing of small text or objects.

5.5. Battery Management

The 4800mAh battery provides extended usage times:

- Up to 600 hours of standby time.
- Up to 20 hours of talk time.
- Up to 26 hours of continuous music playback.
- Up to 10 hours of online video playback.
- **OTG Function:** Supports reverse charging, allowing you to use your phone as a power bank for other devices.



Figure 5.4: An overview of the IIF150 H2022's 4800mAh super capacity battery, detailing its long battery life with up to 600 hours standby, 20 hours talk, 26 hours music, and 10 hours video playback, along with reverse charging capability.

6. MAINTENANCE

6.1. Durability Features (IP68 / IP69K / MIL-STD-810G)

The IIF150 H2022 is built to withstand harsh conditions:

- **IP68:** Water-resistant up to 1.5 meters for 2 hours. Ensure all port covers are sealed before water exposure.

- **IP69K:** Provides protection against high-pressure, high-temperature jet sprays and dust ingress.
- **MIL-STD-810G:** Military-grade standard for drop resistance from 1.5 meters height.
- **Temperature Resistance:** Operates reliably in temperatures ranging from -40°C to 70°C.



Figure 6.1: Visual representation of the IIF150 H2022's rugged capabilities, including IP68 water resistance (1.5m depth, 2 hours), MIL-STD-810G drop resistance (1.5m height), IP69K dustproof rating, and operational temperature range of -40°C to 70°C.

6.2. Cleaning Your Device

To clean your phone, use a soft, damp cloth. Avoid using harsh chemicals, abrasive cleaners, or compressed air, as these can damage the device's seals and finish. If the phone has been exposed to saltwater, rinse it gently with fresh water and dry thoroughly before charging.

7. TROUBLESHOOTING

If you encounter issues with your IIF150 H2022, try the following common troubleshooting steps:

- **Device Not Turning On:** Ensure the battery is charged. Connect the charger and wait a few minutes before attempting to power on again.

- **Screen Frozen/Unresponsive:** Press and hold the Power button for about 10-15 seconds to force a restart.
- **Network Issues:** Check if your SIM card is properly inserted. Try toggling Airplane Mode on and off. If the issue persists, contact your network provider.
- **Apps Crashing:** Clear the cache of the problematic app in Settings > Apps. If the issue continues, try reinstalling the app.
- **Slow Performance:** Close unnecessary background apps. Clear cached data regularly. Consider performing a factory reset as a last resort (back up your data first).

8. SPECIFICATIONS

Feature	Specification
Brand	IIIF150
Model	H2022
Operating System	Android 11.0
Processor	MediaTek MTK6761 Quad-Core, 1.8 GHz
RAM	4 GB
Internal Storage (ROM)	32 GB
Expandable Storage	Up to 256 GB (via TF card)
Display Size	5.5 Inches
Display Resolution	720 x 1440 pixels
Rear Camera	13 MP
Front Camera	5 MP
Battery Capacity	4800 mAh (Lithium Polymer)
Dimensions	15.7 x 7.83 x 1.5 cm
Weight	267 g
Durability Ratings	IP68, IP69K, MIL-STD-810G
Connectivity	4G, Bluetooth, NFC, GPS
SIM Support	Dual SIM

9. WARRANTY AND SUPPORT

The IIF150 H2022 comes with an **18-month worry-free warranty**. If you encounter any issues or have questions regarding your device, please do not hesitate to contact customer service. You can reach out through the platform where you purchased the product (e.g., Amazon) for friendly and prompt assistance.