

APPS ARE **ON**  
DEPENDABILITY IS **ON**  
CONNECTIVITY IS ON  
SECURITY IS ON  
UPTIME IS ON



# MOTOTRBO ION DEVICE OVERVIEW

CRITICAL VOICE. INSTANT DATA. **ONE DEVICE.**

INSTANT PUSH-TO-TALK IS CRITICAL FOR YOUR TEAM. YET AS YOUR TEAM MEMBERS REQUIRE INSTANT ACCESS TO DATA, THEY HAVE TO CARRY SEVERAL DEVICES TO STAY CONNECTED.

The MOTOTRBO™ Ion smart radio is the first business-ready communication device with all-on voice and broadband data capabilities. It combines the dependability and ruggedness of a MOTOTRBO two-way radio with the open app ecosystem of an Android device.



- **CRITICAL INFO AT A GLANCE**
- **INTUITIVE ICONS FOR SMOOTH UI**
- **ACCESS TO ALL RADIO FEATURES ON THE TOUCH DEVICE**

# APPS ARE ON

FULL MULTIMEDIA CAPABILITIES ON AN ANDROID PLATFORM WITH AN OPEN APP ECOSYSTEM.

## ANDROID PLATFORM

MOTOTRBO Ion leverages Android's intuitive and trusted user interface. It provides a seamless user experience, so personnel can focus on the task at hand.

## OPEN APPLICATION ECOSYSTEM

Use any app in the Google Play store, including the full G-Suite — Gmail, Calendar, Maps, and more.



**YOUR ENTRY POINT TO OUR FULL TECHNOLOGY ECOSYSTEM, WHERE YOUR VOICE, VIDEO, DATA, AND ANALYTICS ARE UNIFIED.**



## ACCESS TO OUR UNIFIED TECHNOLOGY ECOSYSTEM

MOTOTRBO Ion is your entry point to Motorola Solutions' full technology ecosystem, where your voice, video, data, and analytics are unified on one enterprise platform. As part of the ecosystem, Ion gives you access to our growing App Development network, where we are continually offering new, purpose-built apps that give your Ion fleet even more capabilities — from barcode scanning and work ticketing, to location tracking and video streaming.

## FULL MULTIMEDIA CAPABILITIES

With a high-resolution touchscreen, you can view detailed images, schematics, diagrams, photos and videos. Send images and videos — and use video chat — with an integrated rear-facing camera. The 4-inch display shows you critical information at a glance, without touching a button. Intuitive icons are simple to learn and recognize, and large touch targets are easy to find and activate — even under pressure.

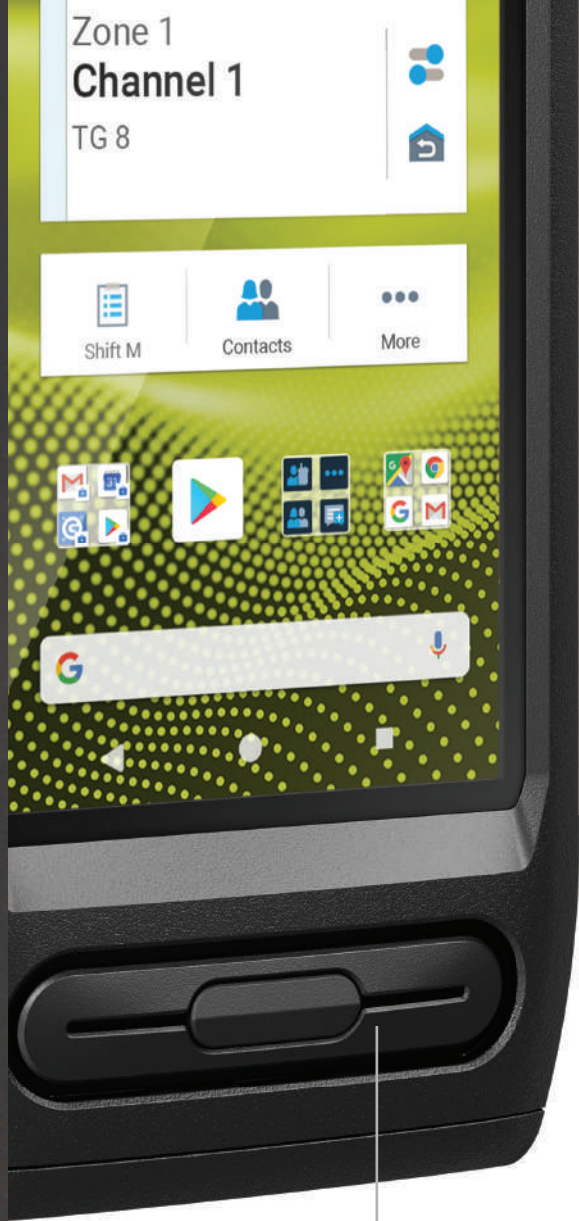
# DEPENDABILITY IS ON

DESIGNED FOR DEPENDABILITY AND  
EASE OF USE, IN ANY ENVIRONMENT.

## BUILT FOR ANY ENVIRONMENT

MOTOTRBO Ion has a level of durability that most smartphones can't match. It's completely dust-tight and protected from immersion in water — up to 2 meters for 2 hours. And it's built with ultra-strong materials inside and out — from its housing, to its Gorilla Glass 3 touchscreen, to its internal components — enabling it to withstand a 4-foot drop onto concrete.

**COMPLETELY  
DUST-TIGHT AND  
PROTECTED FROM  
IMMERSION IN  
WATER — UP TO  
2 METERS  
FOR 2 HOURS.**



**+ FRONT SPEAKER AND MIC**

**+ REAR MIC**



## INDUSTRY-LEADING AUDIO

MOTOTRBO Ion delivers the best audio performance of any MOTOTRBO device. With industry-leading volume, clarity, and noise suppression features, Ion's voice communications outperform smartphones — especially in loud environments. So you can hear and be heard when it matters most.

- Speaker size and audio engineering provide crystal clarity and powerful volume
- Advanced dual-mic noise suppression produces clear audio in high noise environments
- Automatic acoustic feedback suppression automatically turns on when needed to prevent radio echos
- Wideband LTE audio produces natural-sounding, high clarity voice communications
- Adaptive wind noise mitigation automatically turns on in windy conditions for better audio intelligibility
- RSM speaker clarity for improved audio when an RSM is connected
- Device voice controls are calibrated for sensitivity so they work in loud environments



**CUSTOMIZABLE EXPERIENCE**

MOTOTRBO Ion can be adapted with accessories that are purpose-built to make your fleet easier to use and even more capable, especially in loud environments. RSM and other accessories let you quickly reach and use your radio, without the extra steps needed to unlock smart devices. And you have the flexibility to choose from our trusted line of next-generation accessories or third party manufacturers.

**LONG BATTERY LIFE**

Ion’s standard batteries last an entire shift so you can keep your devices in the field for longer. They are also interchangeable, so you can switch out batteries between shifts and get your devices back in the field without waiting for a recharge. Extended-life batteries are also available to help you get even more out of your MOTOTRBO Ion fleet.

**INTRINSICALLY SAFE**

As an intrinsically safe device, you can use MOTOTRBO Ion in any environment without the risk of ignition or fire. It’s the only touchscreen radio that is intrinsically safe.



**THE ONLY  
INTRINSICALLY  
SAFE  
TOUCHSCREEN  
RADIO.**



**THE GORILLA GLASS  
3 TOUCHSCREEN  
IS INHERENTLY  
RUGGED FOR  
EXCELLENT IMPACT  
RESILIENCE.**



**REDESIGNED ANTENNA**

MOTOTRBO Ion’s antenna is shorter and more flexible than other MOTOTRBO antennas, making it more comfortable to wear and easier to use without snagging on clothing — all without compromising its range.

**ULTRA-RUGGED  
TOUCHSCREEN**

You can use MOTOTRBO Ion with confidence in environments that smartphones can’t handle. The Gorilla Glass 3 touchscreen is inherently rugged for excellent impact resilience. A unique structural support system further cushions the display and internal components, providing superb shock absorption. Plus you can count on the screen to work in the toughest conditions. It’s immune to false actuation from water, snow, dirt, and grease, and it works with or without gloves.





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