

Brochure

# MOTOTRBO Ion Device overview

Critical voice. Instant data. One device.



**MOTOROLA** SOLUTIONS



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.



## 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.

### Features

- Critical info at a glance
- Intuitive icons for smooth UI
- Access to all radio features on the touch device







## 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.

Your entry point to our full technology ecosystem, where your voice, video, data and analytics are unified.





# 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.





## Industry-leading audio

Ion delivers the high quality audio performance you'd expect from a 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



Automatic acoustic feedback suppression automatically turns on when needed to prevent radio echos



Adaptive wind noise mitigation automatically turns on in windy conditions for better audio intelligibility



Advanced dual-mic noise suppression produces clear audio in high noise environments



Wideband LTE audio produces natural-sounding, high clarity voice communications



RSM speaker clarity for improved audio when an RSM is connected



Device voice controls are calibrated for sensitivity so they work in loud environments



Front speaker and mic

Rear mic







Intrinsically safe  
DMR touchscreen  
radio.



## 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. Remote speaker microphones 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 replaceable, so you can switch out batteries between shifts and get your devices back in the field without waiting for a recharge. Extended-life high-capacity batteries are also available to help you get even more out of your MOTOTRBO Ion fleet.

## Intrinsically safe

MOTOTRBO Ion is certified intrinsically safe, so it can be used in hazardous locations without the risk of ignition or fire.







## 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.

The Gorilla Glass 3 touchscreen is inherently rugged for excellent impact resilience.







To learn more, visit: [motorolasolutions.com/ion](https://motorolasolutions.com/ion)



**MOTOROLA SOLUTIONS**

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These models available in Motorola Solutions NA region only. Availability varies and is subject to individual country law and regulations. All specifications shown are typical unless otherwise stated and are subject to change without notice.

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