# Trimble EMPOWER

### EM120 2.4 GHZ MODULE

The Trimble® EMPOWER EM120 is a rugged, lightweight, EMPOWER module that can connect to any Trimble EMPOWER base device. It is designed to allow communication between Trimble robotic-enabled total stations and compatible base devices—providing seamless integration to robotic total stations through a wider range of data collectors—without compromising range or robotic functionality.

#### RADIO

· 2.4 GHz radio

#### **ENVIRONMENTAL SPECIFICATIONS**

Independently tested IEC ratings: Water/dust ingress..... protected against the effects of total water immersion
beyond 1 m for long periods under pressure—user stated requirement
Protected against dust; IEC-60529, dust chamber with under-pressure 8 hours of operation with blowing talcum powder

Meets or exceeds the following standards based on MIL-STD-810G test ratings:

#### PHYSICAL DIMENSIONS

- Dimensions (L x W x H): 102.5 mm x 55 mm x 49.7 mm (4.04" x 2.17" x 1.96")
- Weight: 163 g (5.75 oz)
- Housing: Polycarbonate + Polycarbonate/PET blend
- Color: Black

#### **COMPLIANCE CERTIFICATIONS**

- FCC and IC (USA & Canada) approvals
- ACMA (Australia & New Zealand) approvals
- ANATEL (Brazil) approvals
- CE Mark (Europe) approvals
- TRA (UAE) approvals
- ICASA (South Africa) approvals
- Safety: NRTL & CB Scheme, RoHS compliant

#### IN THE BOX

- Trimble EM120 EMPOWER module
- External antenna
- Quick start guide







## **Key Features**

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- Rugged: Meets the rigorous MILSTD-810G military standard for drops, vibration, humidity, and extreme temperatures with IP68 rating for dust and water ingress
- Trimble EMPOWER: The EMPOWER solution expands the capabilities of your base unit now or in the future with optional modules



Contact your local Trimble Authorized Distribution Partner for more information

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NORTH AMERICA

Trimble Inc. 10368 Westmoor Dr Westminster CO 80021 **FUROPE** 

Trimble Germany GmbH Am Prime Parc 11 65479 Raunheim **GERMANY** 

ASIA-PACIFIC

Trimble Navigation Singapore PTE Limited 3 HarbourFront Place #13-02 HarbourFront Tower Two Singapore 099254 SINGAPORE

