



# Trimble XR10

## WITH HOLOLENS 2

**Your data. Your work site. Together, at last.**

**Close the project loop for stakeholders on-site and in the office by providing enhanced, actionable collaboration through mixed reality with Trimble® Connect for HoloLens® and the XR10 with HoloLens 2.**

### Trimble XR10 with HoloLens 2

- ▶ XR10 is the only HoloLens 2 solution compatible with an industry standard hardhat and certified for use in safety controlled environments
- ▶ Industry leading 43° field-of-view, for the best possible mixed-reality experience
- ▶ Improved hand and eye tracking sensors for automatic calibration and instinctual interaction with menus and holograms
- ▶ 5-microphone array and innovative bone-conductive headset to provide crystal clear 2-way communication in high ambient noise environments
- ▶ Improved weight distribution and flip-up visor for increased wearability

### Trimble Connect for HoloLens

- ▶ Put Vision into Context: see the design intent on your project; models are given context when overlaid onto the real world enabling field workers and reducing errors
- ▶ Increase Productivity: real-time interaction between the field and design files, through ToDo's and live collaboration sessions, to aid in making quicker and more informed decisions
- ▶ Improve Efficiency: visualize, express and interact with 3D data on-site to stay on schedule and avoid rework
- ▶ Avoid Disruption: Trimble Connect for HoloLens supports nearly every design file type for contractors

Learn more at [buildings.trimble.com](https://buildings.trimble.com)





## Trimble XR10 with HoloLens 2 Specifications

- ▶ Optics: See-through holographic lenses (waveguides)
- ▶ Resolution: 2k 3:2 light engines
- ▶ Head tracking: 4 visible light cameras
- ▶ Eye tracking: 2 IR cameras
- ▶ Depth: 1-MP Time-of-Flight depth sensor
- ▶ Camera: 8-MP stills, 1080p30 video
- ▶ Microphone array: 5 channels
- ▶ Speakers: Mobilus mobiWAN\_TR bone-conductive Bluetooth headset
- ▶ Storage: 64-GB UFS 2.1
- ▶ WiFi: 802.11ac 2x2
- ▶ Bluetooth: 5.0
- ▶ Fit: Fits over glasses
- ▶ Hardhat: Compatible with MSA V-Gard (Cap Style and Full Brim) with Fas-Trac III Suspension
- ▶ Industry Standard Accessory Mounts: compatible with standard 3rd party accessories (earmuffs, chin straps, and more)
- ▶ Hardhat Impact Protection: ANSI/ISEA Z89.1-2014 Type 1, Class E (OSHA Compliant) || CSA Z94.1 || EN 397:2012 + A1:2012 || AS/NSZ 1801 || GB2811-2017
- ▶ Intrinsic Safety: UL Class I, Division 2; UL 121201 & CSA C22.2 NO. 213
- ▶ Visor Basic Impact Certification: ANSI Z87.1-2015; CSA Z94.3-07, EU EN 166, AS/NZS 1337.1
- ▶ Ingress Protection Rating: IP50 (dust protected)
- ▶ Weight: 0.79kg (1.75lbs) XR10 / 1.25kg (2.75lbs) with hardhat and mobiWAN\_TR
- ▶ Operating Temperature: +10°C (+50°F) to +27°C (+81°F)
- ▶ Storage Temperature: -20°C (-4°F) to +60°C (+140°F)
- ▶ Operating/Storage Humidity: 8% to 90% RH (Relative Humidity)

## Trimble Connect for HoloLens - Features

- ▶ Trimble Connect Cloud Platform Integration
- ▶ Support for .SKP, .IFC, .RVT, .DWG, .DXF and more!
- ▶ Large Model Support
- ▶ Multiple Model Overlay
- ▶ Real-World Model Alignment Tools
- ▶ Measurements within and between real and virtual environments
- ▶ ToDo's for RFI Management
- ▶ Co-Located/Remote Collaboration
- ▶ Sequencing tools for step-by-step guidance through sequence model groups



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