

# Field & safety-compliant **Mixed Reality**

## Ease Of Use

### BIM Helmet Kit

Field-Ready BIM Helmet & accessories

### Large Model Rendering

Any model, any size, any jobsite

### Better Placement

Industry-leading 45 seconds to viewing the model

## Utility

### Accuracy

Getting to <1" accuracy

### Stability

Comfortable rendering of models that stay in place

### Online & Offline

Rendering typical models online and offline

## Enterprise Readiness

### CAD/ BIM Integrations

Exporting your files from various sources

### Collaboration

Tools to keep project stakeholders up-to-date

### Security & Compliance

Meet safety and compliance requirements

## Features

### Ease Of Use

- Log-in credential locker
- "Visor Down" model placement
- Three points model placement
- Single point model placement
- Ad Hoc model repositioning
- Hand locker
- Visibility distance settings
- Trade Layer visibility settings
- Journey-friendly menu
- Voice commands
- Voice-to-text data entry

### Utility

- Online & Offline rendering
- Full-model rendering Trade selection
- Standard model data
- Custom model data
- Photo/Video capture
- Elevation Benchmark
- Navis-like Standard Definition model rendering
- 3D text visibility
- Trade detection & assignment
- BIM Hub Version control

### Integrations

- BIMTrack
- MS Teams Dropbox
- Autodesk Navisworks Export
- Autodesk Revit Export
- Autodesk AutoCAD Export

### Enterprise Readiness

- Secure SSO by OKTA
- Microsoft Azure Active Directory (Azure AD) powered secure access control
- Microsoft Azure Zone redundant storage (ZRS) powered reliable data access
- Microsoft Azure Kubernetes Services (AKS) powered File Processing
- Microsoft Azure Firewall powered data storage security
- Azure policy
- Adm in toolbox for project & user access management
- User Knowledge Base with 100+ "how-to" articles

## BOOK A DEMO

Experience it first-hand by scheduling a demo - [sales@spectar.io](mailto:sales@spectar.io)

## 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-G B U FS 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 289.1-2014 Type I, 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 287.1-2015; 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)



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