

MobileCollect Wireless Measurement Collection System



MobileCollect Wireless

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Connect Any Gage into Any Software

Product Description

- MobileCollect transmits measurements wirelessly from **any** gaging device with a supported SPC data port into **any** Windows, web, or cloud application

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Product Overview

- MobileCollect allows users to collect data in real-time, with 100% accuracy with the press of a button
- Each MobileCollect system allows multiple gage devices to send measurements to a single data collection computer
- Multiple MobileCollect systems can be installed in close proximity without concern



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Product Features

- Compatible with over 3,000 gage devices from 40+ manufacturers
- All data transmissions are encrypted
- Offers more receiver and transmitter models than other wireless systems
- All receivers and transmitters include LED's for visual feedback to user
- 133 foot range



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System Components

- MobileCollect wireless systems consist of:
 1. **Base receiver**
 - Connect one receiver to each data collection computer
 - Receives data from transmitters and presents to software application
 2. **Transmitter**
 - Attach one transmitter to each gage
 - Each transmitter links with one Base receiver only
 - Multiple transmitters can link to a single Base receiver
 3. **Transmitter Cable**
 - Connects the transmitter to the gage data port
 - Provides connection to over 3,000 gage devices

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Base Receivers

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Base Receiver Models



USB Base



Wedge / USB Base



RS-232 / USB Base



USB MicroBase

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USB Base

- **Features**

- USB “serial” connection to PC
- Compatible with all transmitter models
- External switch input
 - Used with Command Mobile Module, RS-232 Remote, and Digital Remote transmitter models

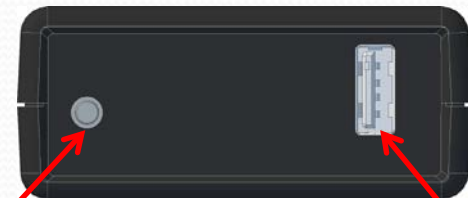
- **Power source**

- USB connection - PC provides power



Input for external switch

Back panel



Reset Button

USB serial output

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Wedge / USB Base

- **Features**

- USB “serial” and USB “keyboard wedge” connection to PC
- Wedge output sends data into Excel, Access, & Minitab without using keyboard wedge software
- Compatible with all transmitter models
- External switch input
 - Used with Command Mobile Module, RS-232 Remote, and Digital Remote transmitter models

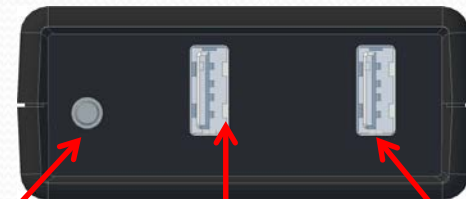
- **Power source**

- USB connection - PC provides power



Input for
external switch

Back panel



Reset
Button

USB keyboard
wedge output

USB serial
output

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RS-232 / USB Base

• Features

- RS-232 and USB “serial” connection to PC
- Compatible with all transmitter models
- External switch input
 - Used with Command Mobile Module, RS-232 Remote, and Digital Remote transmitter models

• Power source

- USB connection - PC provides power
- RS-232 connection – included AC adapter powers the receiver



Input for external switch

Back panel



Reset Button

DB9 serial output

USB serial output or AC power input

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USB MicroBase

- **Features**

- USB “serial” connection to PC
- Plugs directly into USB port
- Compatible with all transmitter models
- Size: 45.47 x 20.10 x 11.25 mm
- No external switch input

- **Power source**

- USB connection - PC provides power



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Transmitters

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Transmitter Models

- **Mobile Modules**

- 3 models
- Battery-powered
- Use with handheld gages or mobile gage situation



- **Remotes**

- 2 models
- AC-adaptor powered
- Use with stationary gages



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Mobile Module Transmitters

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Mobile Modules



Command Mobile Module
Specialty transmitter



Mini Mobile Module
Smallest and most popular transmitter



RS-232 Mobile Module
For serial output gages

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Mini Mobile Module

- **Most popular transmitter**
 - For digital output gages
 - Smallest Mobile Module transmitter
 - Compatible with 2,000+ gages
- **Features**
 - Integrated “**READ**” button
 - Battery – 2032 Lithium Coin Cell
 - Battery life: 400,000+ readings
 - 133 foot range



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RS-232 Mobile Module

- For serial output gages
- Features
 - Integrated “**READ**” button
 - Multiple cable options
 - Battery – CR2 Photo Lithium
 - 133 foot range
 - Mobile version of **RS-232 Remote** transmitter



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Command Mobile Module

- **For digital output gages**
 - Used for “remote” read situations
 - Compatible with 2,000+ gages
- **Features include**
 - Integrated “**READ**” button
 - Battery – CR2 Photo Lithium
 - 133 foot range
 - Can accept external commands:
 - Foot or hand switch connected to Base receiver
 - Software command sent through Base receiver



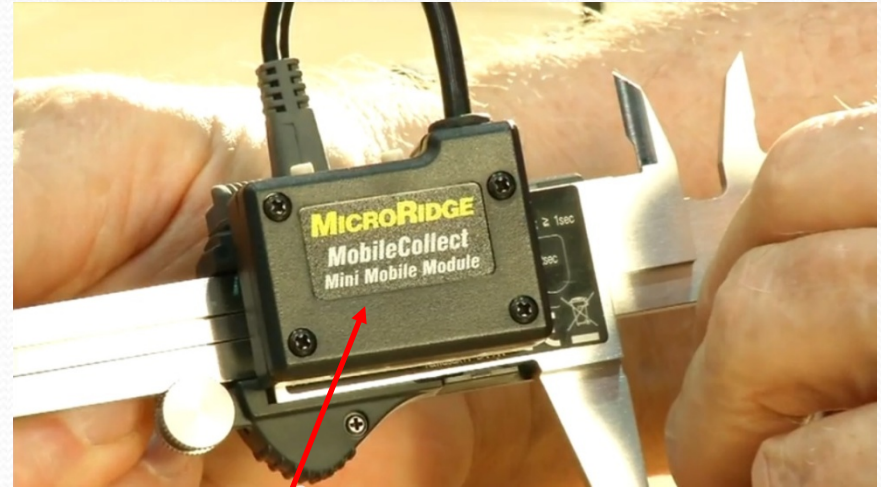
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Mobile Module Examples

Command and RS-232
Mobile Module size



Mini Mobile Module is
significantly smaller but
has same 133 ft range

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Transmitter Cables

- Transmitters and transmitter cables are sold separately
 - Cables available for over 3,000 gage connections
 - Cable used is determined by gage brand and model
 - Cable is attached to transmitter prior to shipping
 - Use the free [MobileCollect Selection Tool](#) software to identify the proper transmitter cable for each gage



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Remote Transmitters

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Remote Models



RS-232 Remote
For gages with serial output



Digital Remote
For gages with Mitutoyo format output

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RS-232 Remote

- **For stationary gages with RS-232 serial output**
 - AC powered
 - RS-232 serial gage input (DB9)
 - Foot / hand switch port
 - 133 foot range
 - Gage Read Options
 - Send from gage device
 - External foot/hand switch
 - Software command sent through Base receiver



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Digital Remote

- **For stationary gages with Mitutoyo compatible output**
 - AC powered
 - Digimatic gage input
 - Foot / hand switch port
 - 133 foot range
 - Gage Read Options
 - Send from gage device
 - External foot/hand switch
 - Software command sent through Base receiver



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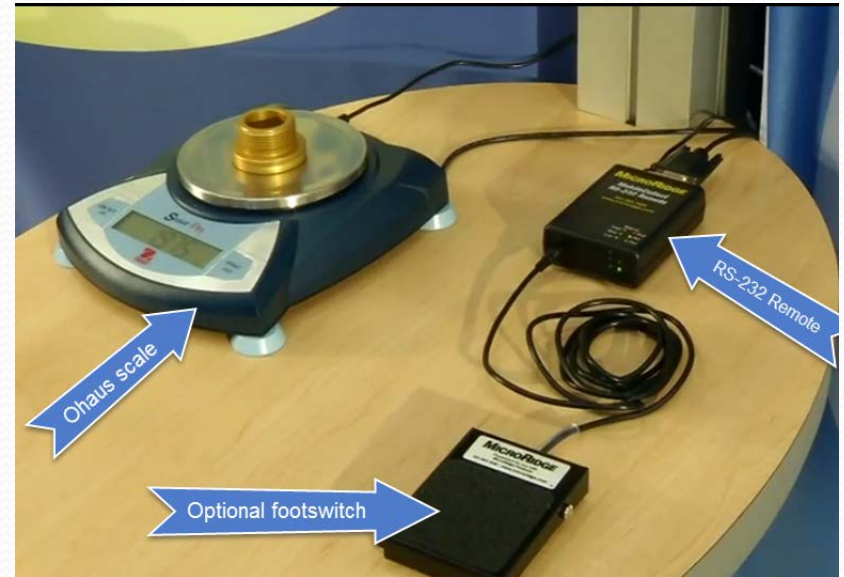
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Remote Examples



Digital Remote and hand switch
with Mitutoyo digital indicator



RS-232 Remote and foot switch
with Ohaus ScoutPro scale

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Command and RS-232
Mobile Module size

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Product Review

- The MobileCollect wireless system is the most flexible wireless system available today
 - Allows collection of measurement data in real-time, with 100% accuracy with the press of a button
 - Offers more receiver and transmitter models to address a wider variety of situations
 - Provides compatibility with more gage brands and models than other wireless systems
- For more information, contact your local MicroRidge reseller or visit www.microridge.com

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MobileCollect links

- **Product Overview**

- http://www.microridge.com/wl_mobilecollect.htm

- **Resource Page**

- http://www.microridge.com/videos_pdfs_mobilecollect.htm

- **Selection Tool**

- http://www.microridge.com/wl_mc_select.htm

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Contact MicroRidge

- **Office Information**

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