

## Features

**FUNCTIONALITY:** The Mueller Systems Mi.Tech field installation hand held computer allows the installer to accurately retrieve installation work sheets from the Mi.Net AMI server via mobile internet access. At the time of installation, the hand held computer records the GPS coordinates of the meter and configures, and tests the Mi.Node meter interface units automatically. This ensures that the Mi.Node device is properly installed and associated with the correct account.

**CONSTRUCTION:** This rugged, industry standard, mobile computer is tough enough to withstand a field environment and the software is intuitive and easy to use. The bright TFT Color screen is easy to read even in direct sunlight. The Touch Screen and 56 key full function keyboard make entering information easy. An internal Lithium Ion battery is powerful enough to last all day and is rechargeable in the base station back at the office or in the truck. All data is secure in the 64 MB non-volatile Flash memory allowing hot swaps of the battery if necessary without data loss.

**INSTALLATION AND SCHEDULING:** The worksheet for the day's anticipated installation is set up on the Mi.Net AMI Server and then simply downloaded in the office or in the field with the GPRS SIM card. At the end of the day, the information is uploaded back to the AMI server just as easily to eliminate key punch errors.

The daily installation worksheet is created in the office to minimize the number of installation options available to the installer. The list can be easily sorted by street and house number, account number, type of Mi.Node MIU to install, or by MIUs already installed. There is a summary page that indicates how many MIUs have been installed, the number left to install and the various types of MIUs to install. The summary page makes it easy for the installer to load the required one day supply of Mi.Node MIUs in the truck and keep track of the day's installation progress.

Once an installer has loaded the daily worksheet, they simply select the appropriate location from the on screen list using the touch screen or the full function key board. The installation computer then uses known GPS coordinates to insure proper location or records the asset coordinates for later use. The installer simply follows the on screen prompts to collect the old meter's reading and scans in the new MIU serial number. After final verification, the software informs the installer that the location was successfully installed. The installation computer software was designed and tested for ease of use and simplicity.

**FINAL VERIFICATION:** All testing and configuration is done automatically and with as little operator input as possible. The goal, an error free installation; from verifying GPS coordinates, displaying the old meter's serial number, using the integral laser scanner to obtain the new serial number, verifying that the serial number is the correct type of unit, to a final verification prior to accepting the installation as complete and correct.

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## Materials and Specifications

Rugged IP64 sealed construction to work in harsh outdoor environments

VGA Color Display with Industrial Touch Screen

Lithium Ion Battery with 14.8 Watt-hour rating ensures extended operating time

Graphical User Interface

Triple Wireless Radio Design with Integrated WAN, LAN and PAN for real time server connections

Microsoft® Windows Mobile 2003 Operating System

Integrated Laser Scanner for error free installations

Track your inventory from delivery to decommissioning

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