

MICROSTAR

PR-950

Hand-Held Unit (HHU)

Portable Meter Reading & Configuration Unit



FEATURES

- Compact design and lightweight for excellent portability
- Ergonomic industrial design with tough drop-safe casing
- Integrated barcode scanner and infrared port
- Internal Wi-Fi / Bluetooth, optionally 3G / RF433 / Zigbee adapter
- Dual-Core 1GHz ARM CPU with 1 GB RAM and 4GB FLASH
- 3.5 Inch TFT full color high resolution LCD tough screen
- Supports micro SD card extension for additional data storage
- Large 400mAh Lithium battery for long up-time without charging
- Meter reading and configurable via DLMS or IEC 62056-21 protocol
- Data transfer to AMR server or PC via 3G or USB
- Boot-up password protection to prevent unauthorized access

APPLICATION

- Portable meter data reading via RF / Infrared / Optical port
- On-site meter configuration and troubleshooting
- Meter load profile data collection and integration into AMR/AMI system

BENEFITS

- Portable, convenient and loaded with features
- Tough casing for heavy duty usage and durability
- Meter reading with DLMS or IEC 62056-21 communication standard
- Full color touch LCD screen and user-friendly interface
- Large data storage capacity to collect data from multiple meters
- Supports data upload to AMR/AMI systems
- Complimentary to the AMR system for on-site configuration and troubleshooting
- Multiple communication channels to support a wide range of meters
- Easy file sharing via USB connection, or upload via GPRS directly
- High-volume battery to allow a full day's heavy use without recharging

TECHNICAL SPECIFICATIONS

External Dimension	152mm x 68mm x 24mm
Weight	0.288 kg
Operating System	Android Operating System
CPU	Dual-core 1GHz CPU
Memory	4GB MB Flash, 1GB RAM
Display	3.5 inch TFT-LCD, 320 x 480 Touch Screen
Data Collection Options	Optical / RS485 / Infrared / RF433 / Zigbee
Communication Options	Wi-Fi / GPRS / Bluetooth / USB
Battery	4000mAh 3.7V Lithium Battery
Protective Level	IP65, Free fall height ≥ 1.5m
Operation Temperature	-20°C ~ 60°C
Meter Reading Protocol	DLMS/COSEM, IEC 62056-21