

## *Hand-held Unit PR500*

- *Portable, convenient and powerful*
- *Meter data reading & meter programming*
- *Energy Data storage & analysis*
- *Data files transmission & sharing with PC*



### Portable Energy Meter Data Reader

- TureFFS technology to manage files on FLASH for high capacity, easy & secure data storage. Files can be uploaded, downloaded & deleted conveniently
- Supports user custom application development in C/C++
- Friendly user-machine interface, convenient for user operation
- Timing turn-off and backlight auto-off feature
- Battery-low warning function
- Boot-up password to ensure data security
- Real-time clock display with accuracy up to second
- Supports various types of alarm clock functions

### Specification

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|------------------------|--|
| - CPU:                 | Powerful embedded 32-Bit microcomputer                         |
| - Operating System:    | Real-time embedded OS VxWorks                                  |
| - ROM:                 | 2M bytes code memory   |
| - RAM:                 | 512K bytes for code running                                    |
| - FLASH:               | 16M bytes for file storage                                     |
| - Display:             | 160 × 160 graphical LCD screen with backlight                  |
| - Clock:               | Date and Time, Error < 2 seconds / day at room temperature     |
| - Keypad:              | 21 keys, supports numeric, alphabetic and arithmetic operators |
| - Communication:       | RS-232 (max 57600 bps), RS-485, IR port (1200bps) & Optical    |
| - Size:                | 166 mm (L) × 79 mm (W) × 26 mm (H)                             |
| - Net Weight:          | 210 g without battery  |
| - Battery:             | 2 AA size batteries  |
| - Power consumption:   | Standby: < 65 mA, Shutdown < 200 uA                            |
| - Water-proof:         | IP54   |
| - Working temperature: | -20°C to +70°C   |