**Overview**

A light-weight, compact and rugged instrument that is designed for Meter Reading. It is compatible with all types of existing Electronic Tri Vector Energy Meters in the market. Analogics CMRI is designed to run MS-DOS and a vast majority of DOS-based PC applications. It comes with superlative features such as QVGA TFT display with backlight, high-speed serial ports, USB port, 32MB system RAM and up to 512MB Flash.

**Features**

* Runs MS-DOS and Virtually any PC Program
* High speed ARM Cortex A8 processor
* Two High-speed Serial Ports with baud rates of up to 115.2 kbps
* Single or Dual key operation for any meter reading
* QVGA TFT display screen with backlight (320x240 pixel graphics)
* Write protected memory area for permanent storage of program files with guaranteed 1 million operations
* 50 years calendar, Nickel Battery backed Real Time Clock
* Latest and State-of-the-art Li-Ion 2600mAh, for more than 8 hrs operational time in the field.
* 45 keys Standard Keypad or Custom Keypad layouts
* Rugged ABS Case with rubber boot for extra protection
* CBIP compliant
* Customized to client’s specification

**Application Areas**

* Meter Reading

**Technical Specifications**

|  |  |  |  |
| --- | --- | --- | --- |
|  | Processor | CPU | High Speed ARM Cortex A8 |
| Speed | 1 GHz |
| C:\Users\Aamani\Downloads\3-Memory.png | Memory | RAM | 32MB |
| Flash | Up to 512MB |
| C:\Users\Aamani\Downloads\6-Power.png | Power | Battery | 7.4V, 2600mAh Li-Ion Rechargeable |
| C:\Users\Aamani\Downloads\7-DisplayKeypad.png | Display & Keypad | Display type & size | QVGA TFT display with backlight |
| Resolution | 320 x 240 pixels |
| C:\Users\Aamani\Downloads\10-Operating.png | Operating Conditions | Operating Temperature | 0°C to 50°C |
| Storage Temperature | -20°C to +70°C |
| Relative Humidity | 5-95% (Non-condensing) |