**Overview**

GPS based Time Synchronization Unit is available in Linux OS. Through GPS, the unit gets accurate information for display and it is configured as NTP server to synchronize all NTP clients connected over LAN.

**Features**

* High speed ARM Cortex Processor @1GHz
* Linux Operating System
* Ports: RS422, RS232, DB9 port for external GPS interface, USB interface, LAN ports
* Optional – external GPS module

**Application Areas**

* Power & Energy sectors
* Metro & Railways

**Technical Specifications**

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| --- | --- | --- | --- |
|  | Processor | CPU | High Speed ARM Cortex A7 |
| Speed | 1GHz |
| C:\Users\Aamani\Downloads\2-OperatingSystem.png | Operating System | OS | Linux |
| C:\Users\Aamani\Downloads\3-Memory.png | Memory | RAM | 512MB |
| Flash | 8GB |
| Expandable | SD card upto 32GB |
| C:\Users\Aamani\Downloads\4-CommunicationPort.png | Communication Ports | USB | USB 2.0 Mini-B, USB 2.0 Type-A |
| Other | 10/100 Ethernet, RS232, RS422 |
| C:\Users\Aamani\Downloads\9-Dimensions.png | Dimensions | Mechanical dimensions | Standard 1U rack mountable |
| C:\Users\Aamani\Downloads\10-Operating.png | Operating Conditions | Operating Temperature | -20°C to +55°C |
| Relative Humidity | 5-95% (Non-condensing) |