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MACHINES CAN TALK!



M2M Terminal

AVE42
M2M

AVE42 is a M2M (Machine-2-Machine) terminal with GSM connectivity and also supports GPS connectivity. This device is perfectly suitable for applications where Remote IO acquirement and control of remote objects is needed. It has option of rechargeable battery inside and special controller for power management.

In case of losing connection AVE42 can store up to 7500 records, and once the connection is established, sends stored data via GPRS. This device is successfully used in varied domains ranging from Industrial monitoring and control to remote asset tracking.



ABOUT AVIANS

Avians is the leading M2M solutions and products provider in India for wide ranging industry applications. We are proud to be the only Indian enterprise to offer M2M solutions, Vehicle remote Tracking and Mobile solutions conveniently under a single roof. We offer custom and ready M2M solutions for various domains including Energy, Manufacturing, Process control, Logistics, Hydraulics/Pneumatics, Safety, Facility Management, etc. With M2M, you typically can Monitor, Command and Control the machines/process remotely and even get alerts on critical conditions.

MAIN FEATURES

- 4 digital inputs
- 4 digital outputs
- 4 analogue inputs (2 ranges 10V and 30 V, 10 bit resolution)
- Voice function / Announcement function via dial-in
- Time based data acquisition
- Inbuilt GSM Antenna
- Sending acquired data via GPRS (TCP/IP and UDP/IP protocols)
- Smart algorithm of GPRS connections (GPRS traffic saving)
- Events on I/O detection and sending via GPRS or SMS
- Authorized numbers list for commanding via SMS
- OTA (firmware updating via GPRS)
- Pure data acquisition
- Data Acquisition + Control
- Control via SMS / Server command.
- SMS Diagnostics mode – get internal status of device via SMS.
- Operating voltage – 11-24 VDC / 250mA
- Inbuilt battery facility to function for some time & send data in event of power cut.
- SMS (text/data)
- Dual-band GSM 900 MHz / 1800 MHz
- GPRS class 10 (up to 85,6 kbps)