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Tracker PDU

Cost Effective, Out-of-Band, Power Management - Maximising your Network Uptime

How many of your Network Faults can be cleared by Power Cycling?

How can you do this remotely?

Many faults can be cleared by simply power cycling equipment. Being able to do this remotely, irrespective of network status, lowers cost and reduces system downtime, ensuring a better customer / user experience and higher SLA's.

Introducing the Tracker PDU, a simple and cost effective switched PDU to provide power management for your key equipment over the PSTN using a built-in modem.

Remote power management can be provisioned for even the smallest installations at an affordable price. Any of the Tracker PDU's 6 power sockets can be powered on / off, or cycled individually, all together or in a pre defined sequence from a remote location.

The Tracker PDU - minimise your network downtime.

Design

- 6 x UK 3 pin sockets
  (options for Euro or IEC 320 C13)
- 1 x V.90 modem
- 1 x RS232 serial port (via RJ45 modular jack)
  for local comms and connection to other equipment.
- Maximum Total Current 13A
- Easy 'under desk' solution or mounting options for:
  - Horizontal 1.5U 19" Rack
  - Vertical Zero U 19" Rack
  - Wall mountable
- Visible indicators for power outlet on/off status
- 10m, 5m or 2m power input cord
- Supported voltage 90—230V
- Tracker PDU enables a talk through connection between the modem and the serial port.

Key Features

- Command Line Interface.
- Admin and engineer level access control with enforced complex passwords (16 character letters & numbers)
- Easily toggle power on/off to individual power outlets with a single command.
- One step power cycle command, including delay time.
- Create power up / power down command sequences ensuring that dependent equipment functions properly (stored in non-volatile memory).
- Power delays can be added to sequences to avoid in-rushes at start-up and overloaded circuits.
- Customisable firmware enables site and power outlet naming for easy identification during operations.
- Modem supports Called ID (CLI) Restricted Answering that will only answer calls from up to 4 specified phone numbers (which can include wildcards).

Tracker PDU Technical Data

Input	
Input Connector Type	IEC-320 C20 Fixed Plug
Cord length	2, 5 or 10m (optional)
Nominal Supply Voltage	90 - 230V @ 50/60Hz
Load Capacity (Total)	2300VA
Outputs	
Output Sockets	6
Output Socket Types	UK 3pin socket BS 1363, Type C Europlug, or IEC 320 C13
Output Voltage nominal	90 - 230V
Maximum Current per Outlet	10A
Maximum Total Current	13A
Modem	
Protocols	V90, V34, V32bis, V32, V22bis, V22, V21
Data Compression & Error Correction	V42 LAPM, V42bis, MNP5
Caller ID	Type I and Type II
Country Support	UK, IRL, USA, CAN, FRA, GER
Serial Port	
Type	EIA RS232 connections via RJ45 Modular Jack
Connection Speed	1200, 2400, 9600, 19200, 38400, 57600, 115200
Protocol	8 data bits, 1stop bit, No parity
Physical	
Weight	1kg excluding cables / <1.5kg including cables
Height	62mm / 1.5U
Depth	45mm
Width	439mm excluding brackets / 484mm inc. brackets
Environmental	
Operational	0 – 40°C
Relative Humidity	10 – 90%
Elevation (Altitude)	0 – 3000m
Storage Temperature	-20 – 70°C
Regulatory	
Safety	EN 60950 or EN61010
EMC	
Emissions	EN 55022 Class A
Immunity	EN 55024
Telecommunications	CTR21 (R&TTE)

The Tracker PDU complements the other products in the Data Track product range that combine to provide a complete solution for the management of remote systems and Customer Premise Equipment (CPE).