

Remote Power Controller

- Ensure a stable and continuous remote control system!
- Establishment of a reliable remote power control!
- Energy-saving effect optimization!



Model : RPC-TP1

Description

The RPC-TP1 can control and monitor remotely an electric power into the connected electric device which have less than 30 ampere current capacity and 380Vac(3Φ4W) such as elevating system, heavy lighting system, factory automation, and other industrial use.

Features

The RPC-TP1 is a simple and smart Power Controller which can allow the connected electric device to be switched on and off respectively through intra-network and internet with a simple mouse-click without any additional management web server installation.

- Real time monitoring** : Status of AC outlet switch, current, electric power, booting power, and temperature.
- Control AC outlet and DC booting power switch to be on and off**
- Auto-repower AC outlet up** : time set for the auto-repower AC outlet
- Electric safety circuit** : Warning message and switch off automatically over 30A and 32A current for AC outlet and total input respectively.
- Additional function** : integrated temperature sensor/ RS-232 serial interface
- No additional management web server** : cost saving for installation & management
- No additional network device in case of Static IP and intra network**
- DHCP** : with using the DDNS function of router



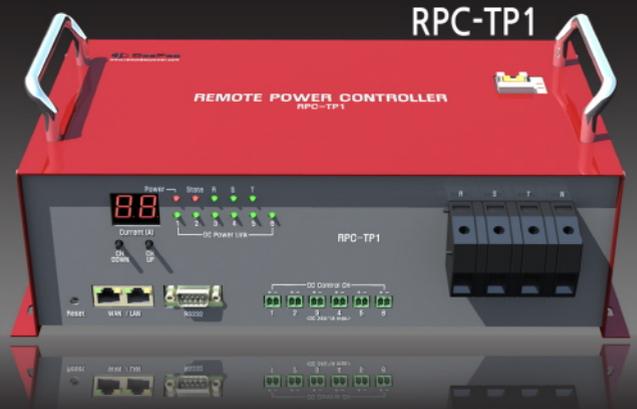
Web User Interface

Specifications

Input Power	380VAC (3Φ4W) / 30A	Power consumption	6W
Switching output Power	380VAC (3Φ4W) / 30A	Network interface	WAN, LAN(RJ45 x 2ea)
CPU	ARM 32bit Cortex-M3 Core 96 MHz Flash Memory : 2x128 Kbytes SRAM : 52 Kbytes	Display Panel	7-Segment : AC current per each AC outlet 11 LEDs : status-Power, CPU, R, S, T, DC links(x6ea)
I/O port	RS-232 : DB9 x 1ea DC Link : Terminal Block x 6ea	Operation Temp.& Humi.	Temp : -20 ~ +50℃ Humi : 10 ~ 90%
Size	outer case 340 x 215 x 136mm(WxBxH)	Number of switching outlet	AC Power - 1CH DC Switch - 6CH

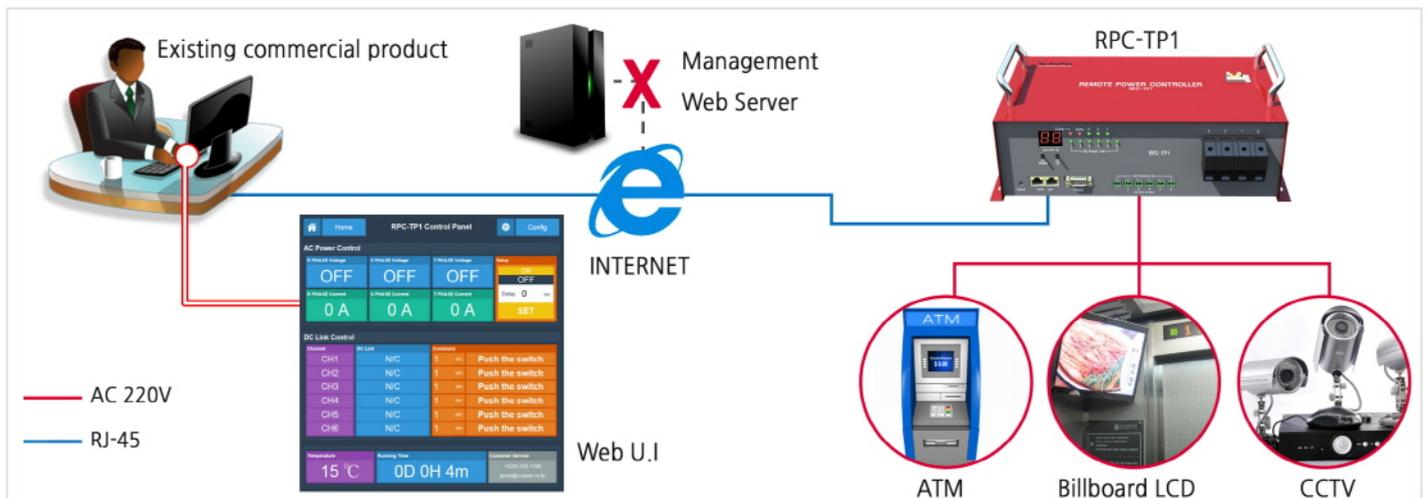
Application & Effect

- The end electric devices can be switched on and off without visiting through remote access.
- The initial countermeasure for hanging problem of remote control system rapidly and safely.
- The standby and consuming electric energy saving as switching off electric power into connected devices when the devices are not operated.



Application #1

Initial countermeasure for hanging problem of remote control system rapidly and safely



Application #2

Remote initial countermeasure for hanging problem of industrial PC for the sensor network system rapidly and safely.

