ECP100-5P

Gateway with Gigabit PoE switch & AC power automation

Product Overview

The ECP100-5P is a cloud-based SD-Branch device that provides connectivity and management for your branch office with integrated gateway, gigabit POE switch ports, AC power ports and LTE/4G cellular modem connectivity into a new class of device providing branch office automation. Tallac's SD-Branch solution delivers a new level of remote site automation to branch offices delivering the skills of your best onsite IT tech via a low cost automated 24 X 7 remote cloud service – allowing you to avoid sending your IT tech onsite to resolve many common network problems. The Tallac SD-Branch solution provides increased uptime and business continuity for business critical applications, faster responsiveness, and increased management efficiency via a robust and low cost monthly cloud service. The Tallac SD-Branch ECP100-5P is managed via the Tallac Cloud – a proven cloud-based solution that provides configuration, zero touch installation, and robust management and automation of your network within minutes.

Key Features and Benefits

Automated WAN recovery The ECP100-5P will continuously monitor internet connectivity and provide statistics and can initiate an automated power cycle of the internet modem and router to recover internet access. The automated routine will notify the administrator and can be configured for retry attempts and wait time before each power cycle.

Automated failover to LTE/4G The ECP100-5P is able to detect when the normal internet connection is not available and redirect specific virtual networks to a LTE/4G connection to provide continuity for important services such as point of sale systems, and other critical business applications. You can still connect to the device via LTE when the WAN/internet is down.

Discovery and Secure Access to Networked Devices: The ECP100-5P and Tallac's SD-Branch Cloud Management will discover all networked devices in the branch office and provide secure VPN access. The cloud service will be used to establish a secure connection to the LAN allowing access to the local network, web UI, and console of any type of networked device such as printers, local storage, routers, and security devices.

Automated Rules and Actions: The ECP100-5P provides remote power control and remote power cycling and can be configured to initiate power cycles remotely on command, based on activities or events, or at specific times that can be repeated on a regular schedule cycle. Remote power reboots can provide improved responsiveness, uptime, and performance and reliability of the branch office network. With the ECP100-5P, it is also easy to configure a schedule for when power is available to provide improved branch office security. The ECP100-5P also provides the ability to set customized rules and automated actions for Ping and HTTP tests for any port in addition to allowing easy customization of policies for test intervals, retries, and thresholds and alerts.
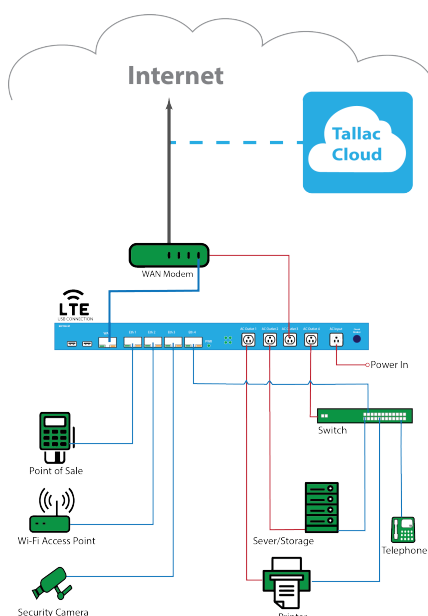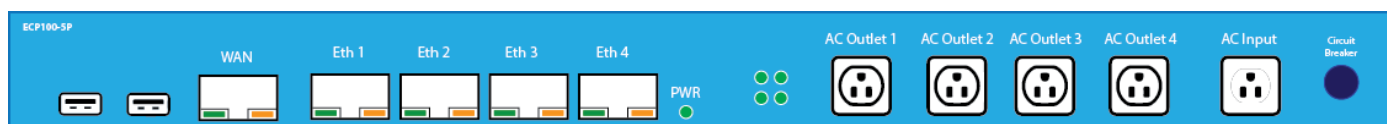

"All the skills of your very best on site IT Tech as a low cost automated 24x7 cloud service"

*"**80%**+ Trouble Tickets automatically resolved"*

Tallac Networks

Tallac SD-BRANCH ECP100-5P Datasheet

Internet Gateway + **Gigabit POE switch** + **AC power control** + **LTE/4G Cellular**

USB LTE/4G Cellular Modem

4 managed Gigabit Ethernet PoE ports

4 managed AC Power Outlets

Tallac SD-BRANCH is a simple, secure, cloud based solution designed to provide small to large organizations with branch locations an affordable way to deploy, and manage Wi-Fi and switch networks and power automation of any PoE and AC powered devices. Zero Touch install for ease of deployment. Secured communication between physical network devices and the Tallac SD-Branch Cloud through SSL and certificate validation.

The Tallac SD-BRANCH solution provides distinct secure LAN services for virtual & physical services supporting mobile users, guest, VoIP, security, IoT, networked devices & applications. Easily orchestrate automated policies across WiFi, wired Ethernet and Gateway and any AC powered devices providing intelligence in the cloud and automated action and policies to be implemented in the branch office.

ECP100-5P Product Specifications

Physical Features

- Four 10/100/1000BASE-T Gigabit Ethernet (RJ-45) ports with 802.3at/af-compliant Power over Ethernet (PoE) support
- One 10/100/1000BASE-T Gigabit Ethernet (RJ-45) port
- Four 125VAC AC output ports
- One USB 2.0 port & One USB 3.0 port

Standards

- IEEE 802.3af Power over Ethernet (PoE)
- IEEE 802.1Q VLAN
- IEEE 802.1P CoS
- IEEE 802.3 Ethernet
- IEEE 802.3u Fast Ethernet
- IEEE 802.3x Flow control
- IEEE 802.3at
- IEEE 802.3af

Security

- VPN
- HTTPS
- SSH

Gateway

- NAT
- DHCP
- Port Forwarding
- Friendly names

LTE/4G supported device

AT&T USBConnect Momentum 4G Mobile AirCard
Verizon USB620L 4G LTE

Regulatory Compliance

FCC Class A

Mechanical

Dimensions: 17.5" x 8.5" x 1.75"
Weight: 6lbs

Power

Input: 125VAC, 50-60 Hz
Output: 125VAC 50-60Hz 10A max
Device Power Consumption: 14W maximum

Environmental Specification

Temperature: Standard Operating 0°C to 50°C
Storage: -20°C 70°C
Humidity: 10% to 90% (non-condensing)

Warranty

3 years