

POE+ SWITCH FOR A HASSLE-FREE PARCEL TERMINAL SETUP

HIGHLIGHTS

- ✔ Parcel terminals are sophisticated IoT solutions that need Internet and power for a whole mix of devices — often in places, where wired Internet is unreliable or impossible to achieve. Plus, managing a large network of terminals can become a logistical puzzle.
- ✔ The [TSW101](#) PoE+ switch is your go-to solution, transmitting both power and Internet to all devices through a single cable. This toughly built device handles any environment, while cutting down on clutter and complexity.
- ✔ Let's mix in the [RUT951](#) mobile router to ensure an uninterrupted Internet flow, and RMS for remote management of the entire solution. Now we've got a setup that's efficient, reliable, and easy to control from anywhere.

THE CHALLENGE – SETTING UP PARCEL TERMINALS WITHOUT CONNECTIVITY CHAOS

With online shopping booming, parcel terminals are popping up left, right, and centre, offering a super convenient way to grab packages on the go. But behind the scenes, setting up and managing these IoT solutions is no walk in the park, given the fact that they heavily rely on network connectivity for operational efficiency.

Sure, wired Internet can empower such IoT solutions in some locations, but relying on it alone? That's risky. One hiccup and boom — downtime.

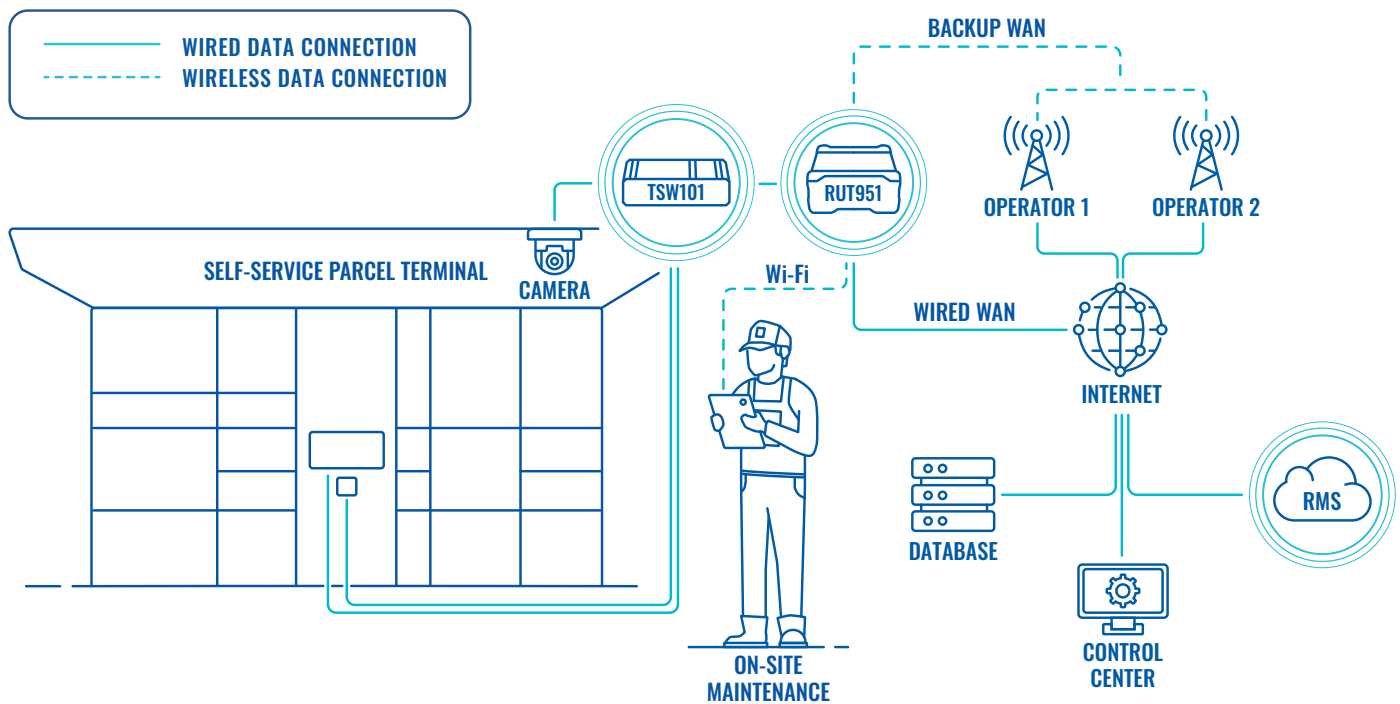
Here's the catch: these terminals aren't just simple parcel lockers. They're complex IoT solutions loaded with tech: [security cameras](#), [payment systems](#), [screens](#), [scanners](#) — you name it. All that gear needs both power and a reliable internet connection to keep things running smoothly.

When it comes to parcel terminals, downtime is not an option. So, having 4G as the trusty backup makes sure the connection stays solid no matter what; even when wired connectivity does encounter these hiccups.

Now, multiply that setup across a whole network of terminals, often in different locations, and you've got a real logistical challenge. Plus, these terminals need remote management, because no one wants to send a tech out every time a payment terminal throws a tantrum.

Keeping everything powered, online, and easily manageable from afar? That's the real challenge operators face.

TOPOLOGY



THE SOLUTION – TELTONIKA’S POWER DUO FOR SEAMLESS PARCEL TERMINAL MANAGEMENT

Do these challenges sound all too familiar? This is where Teltonika’s TSW101 PoE+ switch comes to the rescue. Accompanied with the RUT951 mobile router, not only does it offer a seamless way to power up and connect parcel terminal equipment but also provide remote management capabilities without breaking a sweat.

When it comes to powering and connecting your parcel terminals, the TSW101 PoE+ switch is the real MVP, making your setup as smooth as can be. Let’s explore why.

The TSW101 isn’t just any network switch — it’s the multitasking hero your parcel terminals need. This PoE+ switch handles two jobs at once, delivering both power and Internet while keeping energy use low. No need to worry about power-hungry setups here.

Yep, no more juggling between power outlets and network cables. With the TSW101 Gigabit Ethernet switch in charge, all your IoT devices — from cameras to payment terminals to screens — get what they need to keep running smoothly. Fewer cables, fewer problems, and a more efficient setup overall.

But wait, there’s more! The TSW101 PoE+ switch doesn’t just simplify wiring — it features industrial-grade [aluminium housing](#) to handle whatever conditions your parcel terminals face. With its sturdy design and ability to thrive in a wide temperature range, this PoE+ switch is ready to power your setup in any location, whether it’s freezing cold or scorching hot. It’s like the ultimate toolkit for connectivity, always ready for whatever your terminals throw at it.

Of course, no parcel terminal can run without a solid network connection, and that’s where the RUT951 4G router steps in. The RUT951 takes care of the whole connection, acting as your main source of Internet. If wired WAN is available, great — but if it drops out, no worries!

The RUT951 cellular router has your back when your main connection drops, seamlessly switching to 4G to keep your terminals online. Still not impressed? How about its dual SIM slots and an automatic failover for that extra layer of connectivity peace of mind?

Managing all this remotely is a breeze thanks to Teltonika's [Remote Management System](#). Need to reboot a device, check performance, or troubleshoot an issue? RMS gives you that power, without leaving your desk.

Combining the power-and-Internet combo of the TSW101 PoE+ switch and the bullet-proof WAN backup of the RUT951 cellular router ensures your terminals are always up and running, even in the toughest environments. Plus, with support for key network protocols like [SNMP](#) and [MQTT](#), your connectivity stays efficient and secure, all while being remotely managed.

So, whether your terminals are in a bustling city or a remote location, the TSW101 PoE+ switch makes sure everything stays connected and powered without breaking a sweat. And with the RUT951 mobile router providing rock-solid connectivity, you've got a setup that's as reliable as it is easy to manage.

