

TSS Gateway 500-W

TSS Gateway collects, processes, and delivers data, in real-time, from all TSS Bluetooth loggers, ensuring data integrity and securing connectivity via Ethernet, Wi-Fi, or a cellular network to TSS Cloud.

Key Features

- Plug-and-play solution that automatically detects, connects and transmits temperature data from all TSS Bluetooth loggers.
- Operates over Ethernet, Wi-Fi, or cellular network.
- Powerful and cost-effective edge network solution for large-scale and sustainable setups.
- Enterprise standard encryption protects sensitive data at every stage.



TSS GATEWAY 500-W FEATURES		
Type	Gateway 500-W	
Computing & Storage	• 800MHz ARM A7 with 512MB RAM • 8GB of storage	
Connectivity	• Full Bluetooth 5 + PA/LNA • 802.15.4 • IPv6 • Wi-Fi 802.11a/b/g/n/ac • Cellular LTE Cat1 with 3G/2G fallback	
Ethernet	10/100 Ethernet with Power of Ethernet (PoE) 802.3af	
Security	Secure element hardware module Encrypted file system & Secure Boot	
Cellular	• Gemalto PLS62-W • 3FF (micro) SIM slot	
Accessory Options	• Wall/Ceiling Bracket • International Power Adapter	
Certifications	FCC / ISED / CE-RED / UKCA / RCM / GCF / PTCRB / AT&T	
Dimensions	127 mm x 127 mm x 30 mm	
Power Supply	4.5 to 5.5VDC, 2A max via Barrel Jack (5.5mm x 2.1mm)	36-57V (IEEE 802.3af) via Ethernet connector (RJ-45)

TSS AB