TTS500-XS

UHF Reading Station for Textile Services Applications

TTS500-XS can be used as a table-top station where space is limited, or as a wall-mounted station. It can also be affixed to custom metallic portal structures for bi-directional check-in/out control processes of RFID-enabled textile items.

An optical detector triggers reads of RFID-enabled items when required.

HID's TTS500-XS is a UHF RFID 'smart' reading station designed to comply with laundry standards and environments. It offers a high read rate in a small footprint design, ideal for limited spaces. It is an all-in-one station featuring the most advanced RFID technologies, combined with a powerful microcomputer embedding HID's Acuity cloud-based linen management platform. TTS500-XS therefore eliminates the need for external gateways and keeps operating even in case of network connectivity loss. The station can also be remotely managed for configuration, monitoring and upgrades.

KEY BENEFITS:

- High-perfomance, compact UHF station

- Small in size and light weight

- Can be used as a table-top or wall-mounted station

For more information, contact tagsales@hidglobal.com
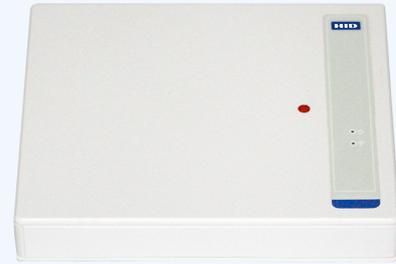

DATASHEET

TTS500-XS

TECHNOLOGY HIGHLIGHTS:

- 865 to 928 MHz, EPC global C1 Gen 2, ISO 18000-63
- Network failure proof
- Can be remotely managed and upgraded

TYPICAL CONFIGURATIONS:

- Table-top
- Wall-mounted
- Portals and gate structures

TTS500-XS

Base Model Number	DDP16378 (EU version) DDP16525 (US version)
ELECTRONIC	
Operating Frequency	865-868 MHz (ETSI) 902-928 MHz (FCC)
Communication Interface	Ethernet 10/100
Transmit Power	5 dBm to 31.5 dBm (30 dBm max for US version)
Power Supply	12 VDC, 3A
Host Protocol	ACUITY Platform
PHYSICAL	
Dimensions	9 x 7.5 x 1.5 in (23 x 19 x 4 cm)
Weight	2.2 lbs (1 kg)
Casing	White casing, high-quality, scratch-resistant
THERMAL (AIR)	
Storage	-4° F to 158°F (-20°C to 70°C)
Operating	32° F to 130°F (0°C to 55°C)
OTHER	
Standards	EPC Global C1 Gen2, ISO/IEC18000-63
Additional Features	Optical detector to sense items placed on the surface 4 GPIOs, 3 external RF-ports (for additional antennas)