UHF Table-Top Stations

UHF Table-Top Stations for Textile Services Applications

HID Textile Services' UHF table-top stations offer a convenient mobile linen inventory solution. Lightweight and compact, they embark a powerful RFID UHF reader providing outstanding read and write performance.

HID Textile Services' TTS500 is a UHF RFID 'smart' Table-Top Station designed to comply with laundry standards and environments, offering a wide reading zone in a compact, easy to install design. It is an all-in-one station featuring the most advanced RFID technologies combined with a powerful microcomputer embedding HID Textile Service's ACUITY cloudbased linen inventory management platform. HID Textile Service's TTS500 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.

HID Textile Services' TTS500-XS is a smaller version of the TTS50, offering a high read rate in a small footprint design, ideal for limited workspaces.

HID Textile Services' PAD500-XS features an elegant design combining industry-leading UHF reader technology with a unique embedded antenna into a single, flexible, cost-effective RFID tabletop solution for various short-range read/write applications found in linen management processes such as quality control, repairs and item registration.

HID Textile Services provides an innovative and highly performant Cloud-based Linen Inventory Management Platform (ACUITY), enabling the industrial Laundry industry worldwide as well as their Hospitality and Healthcare customers, to gain continuous access to real-time inventory visibility/availability of their textile assets and to make intelligent business decisions to increase their profitability.

KEY BENEFITS:

- High performance compact UHF stations
- Large and small footprint depending on work space
- Optical detector to sense items placed on the surface

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KEY TECHNOLOGY HIGHLIGHTS:

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

TYPICAL APPLICATION AREAS:

- Laundries
- Hotels
- Hospitals

	TTS500-XS	TTS500	PAD500-XS
Base Model Number	DDP16378 (EU version) DDP16525 (US version)	DDP16262 (EU version) DDP16370 (US version)	DDP16700 (EU version)
ELECTRONIC			
Operating Frequency	865-868 MHz (ETSI) 902-928 MHz (FCC)	865-868 MHz (ETSI), 902-928 MHz (FCC)	865-868 MHz (ETSI)
Communication Interface	Ethernet 10/100	Ethernet 10/100	Mini USB type B plug connector
Transmit Power	5 dBm to 31.5 dBm (30 dBm max for US version)	5 dBm to 31.5 dBm	8 dBm to 25 dBm
Power Supply	12 VDC, 3 A	12 VDC, 2.5 A	5V DC USB Bus powered, max 650mA
Host Protocol	ACUITY Platform	ACUITY Platform	Standalone mode
PHYSICAL			
Dimensions	9 x 7.5 x 1.5 in (23 x 19 x 4 cm)	26 x 18 x 1.5 in (67 x 45 x 4 cm)	4.92 x 4.92 x 0.98 in (12,5 x 12,5 x 2,5 cm)
Weight	2.2 lbs (1 kg)	12 lbs (5.5 kg)	0.44 lbs (200 g)
Casing	White casing, high-quality, scratch-resistant	White casing, high-quality, scratch-resistant	ABS plastic cover, black
THERMAL (AIR)			
Operating	32°F to 130°F (0°C to 55°C)		-14°F to 130°F (-10°C to 55°C)
Storage	-4°F to 158°F (-20°C to 70°C)		
OTHER			
Standards	EPC Global C1 Gen 2, ISO/IEC18000-63		
Additional Features	Optical detector to sense items placed on the surface, 4 GPIOs, 3 external RF ports (for additional antennas)	Optical detector to sense items placed on the surface, one power LED and one multipurpose LED	Length of USB cable: 70.86 in (1,8 m)

For more information, contact: tagsales@hidglobal.com