

# 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 cloud-based 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 features an elegant design combining industry-leading UHF reader technology with a unique embedded antenna into a single, flexible, cost-effective RFID table-top solution for various read/write applications found in linen management processes such as quality control, repairs and item registration. Small and convenient, the PAD500 is compact enough to fit on most desktop stations.

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

For more information,  
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	TTS500-XS	TTS500	PAD500
			
<b>Base Model Number</b>	DDP16378 (EU version) DDP16525 (US version)	DDP16262 (EU version)	DDP16523 (EU version)
<b>ELECTRONIC</b>			
<b>Operating Frequency</b>	865-868 MHz (ETSI) 902-928 MHz (FCC)	865 to 868 MHz	
<b>Communication Interface</b>		Ethernet 10/100	USB connection to PC
<b>Transmit Power</b>	5 dBm to 31.5 dBm (30 dBm max for US version)	5 dBm to 31.5 dBm	5 dBm to 31.5 dBm (30 dBm max for US version)
<b>Power Supply</b>	12 VDC, 3 A	12 VDC, 2.5 A	5V DC USB Bus powered, max 400mA
<b>Host Protocol</b>		ACUITY Platform	ACUITY Platform or Standalone mode
<b>PHYSICAL</b>			
<b>Dimensions</b>	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)	12 x 8 x 0.6 in (30 x 21 x 1.5 cm)
<b>Weight</b>	2.2 lbs (1 kg)	12 lbs (5.5 kg)	1.2 lbs (525 g)
<b>Casing</b>		White casing, high-quality, scratch-resistant	ABS plastic cover, black
<b>THERMAL (AIR)</b>			
<b>Operating</b>	32°F to 130°F (0°C to 55°C)		-14°F to 130°F (-10°C to 55°C)
<b>Storage</b>	-4°F to 158°F (-20°C to 70°C)		
<b>OTHER</b>			
<b>Standards</b>	EPC Global C1 Gen 2, ISO/IEC18000-63	ISO 15693, EPC Global C1 Gen 2, ISO/IEC18000-63	
<b>Additional Features</b>	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	



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