

UHF u-Door Lite Cabin Stations

u-Door Lite Cabin Stations for Textile Services Applications



HID Textile Services' u-Door Lite is a RFID RAIN® (UHF) Cabin Station designed for fast and accurate inventories of cages filled with large quantities of RFID-enabled linen products, in compliance with laundry standards and environments. It enables automatic and reliable inventories of cages filled with large quantities of RFID-tagged products. The Station's shielded structure ensures only items placed inside are identified in a few seconds, providing the highest read performance and read speed at UHF on the market.

Smaller in height and weight than the existing u-Door standard version, the u-Door Lite features manually operated doors in the front and a push button to trigger the reading process.

It is best suited for environments where space is limited. The station's compact design offers a low profile, easy to install solution to inventory items at the facility's entry and exit zones. The Station can be connected to a central unit for HMI (Human Machine Interface) implementation. The Station is shipped with our Acuity software, with a standalone mode or with an SDK.

u-Door Lite comes in 3 sizes: standard, extended and extra-wide for large size trolleys and pallets.

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

- Specifically designed to inventory cages filled with RFID-enabled linen
- Light-weight and easy to install
- Available in different sizes depending on space constraints

UHF u-Door Lite Cabin Stations

KEY TECHNOLOGY HIGHLIGHTS:

- 865-868 MHz (ETSI), 902-928 MHz (FCC), EPC Global C1 Gen 2, ISO 18000-63
- Connected to HID's Textile Services ACUITY platform
- Shielded structure for optimal read capacity

TYPICAL APPLICATION AREAS:

- Industrial laundry at exit zones
- Hotels and hospitals at entrance/exit zone

	u-Door Lite	u-Door Lite Extended	u-Door Lite XW
			
Base Model Number	DDP16277 (ETSI) DDP16906 (FCC)	DDP16277PM16367 (ETSI) DDP16906PM16367 (FCC)	DDP16440DDP16468 (FCC)
	ELECTRONIC		
Operating Frequency	865-868 MHz (ETSI); 902-928 MHz (FCC)		
Host Interface	Ethernet 10/100 BASE-T		
Power Consumption	110-220V AC, 50-60 Hz, 75 W nominal		
Host Protocol	Acuity software platform, standalone mode or SDK		
	PHYSICAL		
External Dimensions (L x W x H)	51 x 55 x 83 in (130 x 140 x 210 cm)	57 x 55 x 83 in (145 x 140 x 210 cm)	84 x 57 x 83 in (214 x 145 x 210 cm)
Internal Dimensions (L x W x H)	47 x 40 x 80 in (120 x 100 x 200 cm)	53 x 40 x 80 in (135 x 100 x 200 cm)	74 x 55 x 79 in (187 x 139 x 200 cm)
Weight	395 lbs (180 kg)	420 lbs (190 kg)	
Doors	2 doors in the front, status lights and push button, Magnetic door lock system		
	THERMAL (AIR)		
Operating	32°F to 122°F (0°C to 50°C)		
Storage	5°F to 158°F (-5°C to 70°C)		
	OTHER		
Standards	EPC Global Class 1 Gen 2, ISO/IEC18000-63		
Warranty	1 year		



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