

UHF u-Door Cabin Station

u-Door Cabin Station for Textile Services Applications



HID Textile Services' u-Door is a RFID RAIN® (UHF) Cabin Station designed for fast, automated and accurate inventories of cages filled with large quantities of RFID-enabled linen products, in compliance with laundry standards and environments. 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. The u-Door Cabin can be used to inventory soil items as they enter the plant, or at the exit for dispatch operations of clean stacked items.

u-Door Station features a push button on each entry side, enabling a bidirectional flow of items. Once the operator has placed the roll inside the Cabin, he/she pushes the button to automatically close the doors and trigger the reading process.

u-Door Station features three-colored LEDs (green, white and red) to indicate the RFID process status. The Station can be connected to a central unit for HMI (Human Machine Interface) implementation. The Station can be used in standalone or with our ACUITY software platform.

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
- Shielded structure for optimal read capacity
- Automated door system with motion sensor
- Excellent read/write performance and speed for mass reading or encoding

UHF u-Door Cabin Station

KEY TECHNOLOGY HIGHLIGHTS:

- 865-868 MHz (ETSI), EPC Global C1 Gen 2, ISO 18000-63
- Connected to HID's Textile Services ACUITY platform
- Pass through station

TYPICAL APPLICATION AREAS:

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

UHF Cabin Stations	
u-Door	
	
Base Model Number	DDP15445
ELECTRONIC	
Operating Frequency	865-868 MHz (ETSI)
Host Interface	Ethernet 10/100 BASE-T
Power Consumption	200V AC, 50 Hz, 150 W nominal
Host Protocol	ACUITY Platform or standalone
PHYSICAL	
Dimensions	108 x 53 x 95 in (275 x 135 x 245 cm)
Internal Dimensions	51 x 37 x 80 in (130 x 95 x 205 cm)
Weight	1433 lbs (650 kg)
Doors	2 automatic swinging panels (front and rear) with obstacle detection, status lights and push button on each entry side, automatic 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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