

# UHF u-Door Cabin Station

## u-Door Cabin Stations 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

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# UHF u-Door Lite Cabin Stations

## 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 exit zones
- Hotels and hospitals at entrance/exit zone

UHF Cabin Stations	
u-Door	
	
<b>Base Model Number</b>	DDP15445
	<b>ELECTRONIC</b>
<b>Operating Frequency</b>	865-868 MHz (ETSI)
<b>Host Interface</b>	Ethernet 10/100 BASE-T
<b>Power Consumption</b>	200V AC, 50 Hz, 150 W nominal
<b>Host Protocol</b>	ACUITY Platform or standalone
	<b>PHYSICAL</b>
<b>Dimensions</b>	108 x 53 x 95 in (275 x 135 x 245 cm)
<b>Internal Dimensions</b>	51 x 37 x 80 in (130 x 95 x 205 cm)
<b>Weight</b>	1433 lbs (650 kg)
<b>Doors</b>	2 automatic swinging panels (front and rear) with obstacle detection, status lights and push button on each entry side, automatic door lock system
	<b>THERMAL (AIR)</b>
<b>Operating</b>	32°F to 122°F (0°C to 50°C)
<b>Storage</b>	5°F to 158°F (-5°C to 70°C)
	<b>OTHER</b>
<b>Standards</b>	EPC Global Class 1 Gen 2, ISO/IEC18000-63
<b>Warranty</b>	1 year



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