UHF u-Door Cabin Station

u-Door Cabin Stations for Textile Services Applications

DESCRIPTION

HID Textile Services' u-Door is a RFID RAIN® (UHF) Cabin Station designed for fast, automated and accurate inventories of cages filed 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 ca 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

KEY TECHNOLOGY HIGHLIHTS

: 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

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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)
Mounting Method	Sewn into hem or pouch
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

CE RAIN RFID