e-Portal Station

UHF Passthrough Portal for Textile Services Applications

DESCRIPTION

HID's e-Portal Station is a RAIN® RFID (UHF) station designed for entrances, doors, gates and hallways. It enables fast inventories of cages passing through, filled with multiple RFID-tagged textile products. The e-Portal is light-weight and space-saving, offering a compact and small footprint solution for environments where space is limited. The e-Portal is adjustable in width to fit with the environment specifications. This smart design offers a low profile, easy to install solution further simplifying the logistics and deployment of your RFID system for linen management. The e-Portal is made of two components: the e-Portal Mechanical Frame and an RFID kit based on HID's TTS500-XS UHF station.

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.
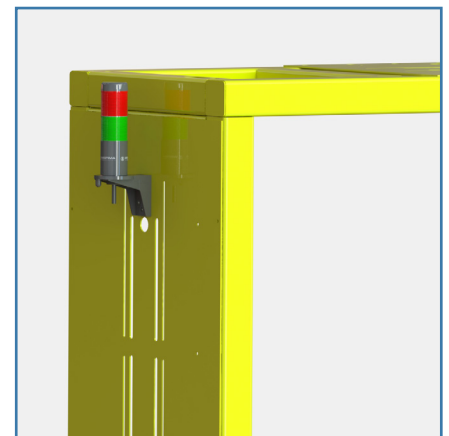
KEY BENEFITS

- : Pass-through station designed to inventory cages filled with RFID-enabled linen
- : Adjustable width to accommodate different size door openings and linen carts
- : Lightweight and easy-to-install

KEY TECHNOLOGY HIGHLIGHTS

- : 865 to 868 MHz, EPC Global C1 Gen 2, ISO 18000-63
- : Connected to HID's Textile Services ACUITY platform or standalone mode
- : Stack lights for reading status, optional touch screen PC

TYPICAL APPLICATION AREAS:

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

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Base Model Number	e-Portal Mechanical Frame: DDP16629 TTS500-XS Kit for e-Portal: DDP16753 (EU version)

ELECTRONIC

Operating Frequency	865-868 MHz (ETSI)
Communication Interface	Ethernet 10/100, auto-negotiate, auto cross-over
Transmit Power	5 dBm to 31.5 dBm
Power Supply	12VDC, 3A
Host Protocol	ACUITY Platform

PHYSICAL

Height	External: 85.4 in (217 cm) Internal: 82.3 in (209 cm)
Width	External: from 61 in (155 cm) to 84.5 in (215 cm) Internal: from 40 in (103 cm) to 64 in (163 cm)
Depth	20 in (50 cm)
Weight	420 lbs (190 kg)
Color	Yellow

THERMAL AIR

Operating	32°F to 130°F (0°C to 55°C)
Storage	-4°F to 158°F (-20°C to 70°C)

OTHER

Standards	EPC Class 1 Gen 2, ISO/IEC18000-63
Additional Features	TTS500-XS Kit for e-Portal includes HID's TTS500-XS station, 3 UHF antennas, a set of cables and stack lights for illuminated read status indication. Optional touchscreen PC (Surface Go) with floor/wall mount.

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