

PowerGate

Precision RFID Cabin Station for Streamlined Laundry Workflows

HID Textile Services' PowerGate is a robust RFID UHF (RAIN) cabin station designed for fast, automated and highly accurate inventory management of large volumes of RFID-enabled linen. Engineered with a shielded structure and advanced mechanical design, it ensures only items placed inside are read, delivering unmatched speed and precision in UHF performance. Built to withstand demanding laundry environments, PowerGate efficiently inventories soiled items in trolleys, pallets or containers before laundering, as well as clean items ready for dispatch. With the ability to encode and track hundreds of textiles simultaneously, PowerGate transforms inventory management, streamlining operations while reducing errors and labor costs.

PowerGate features:

- **Patented high-speed RFID technology**, delivering fast, accurate bulk reading of linen trolleys
- **Shielded metallic enclosure**, eliminating misreads from nearby textiles, ensuring precise results
- **Rugged, industrial-grade construction** built to withstand demanding laundry environments
- **Simultaneous read-and-encode capability** to process hundreds of RFID-enabled items in seconds
- **Advanced electronics** with next-generation RFID reader module and intelligent auto-correction system
- **Proven ASSA ABLOY automated door technology** with integrated anti-pinch protection for operator safety
- **Intuitive operation** with a simple one-button start for fast user adoption
- Two available models:
 - **Automated version** — dual front-and-back doors for seamless pass-through at loading docks
 - **Manual version** — compact, space-saving solution with two front doors, ideal for hotels and smaller facilities



KEY BENEFITS:

- **Save time and labor** with automated bulk reading of hundreds of items in seconds
- **Ensure accuracy** with a shielded cabin design that prevents misreads from surrounding textiles
- **Increase efficiency** by streamlining linen workflow operations
- **Enhance traceability** through precise RFID inventory management and encoding
- **Adapt to your operations** with both manual and fully automated versions available
- **Built for reliability** in demanding laundry environments, with ruggedized design and proven automation technology

	Manual Version		Automated Version	
				
Base Model Number	FCC: DDP17077	ETSI: DDP17075	FCC: DDP17076	ETSI: DDP16973
	ELECTRONIC			
Operating Frequency	860-960 MHz			
Host Interface	Ethernet			
Power Supply	110 - 220 V			
Host Protocol	Operates in standalone mode or integrates seamlessly with HID Textile Services systems for smooth adaptation to existing processes			
	PHYSICAL			
Internal Dimensions (W x L x H)	4 x 5.6 x 6.6 ft (120 x 170 x 200 cm)	3.3 x 4.1 x 6.6 ft (100 x 125 x 200 cm)	4 x 5.6 x 6.6 ft (120 x 170 x 200 cm)	3.3 x 4.1 x 6.6 ft (100 x 125 x 200 cm)
External Dimensions (with opened doors)	5.3 x 8.2 x 6.9 ft (160 x 250 x 210 cm)	4.6 x 6.4 x 6.9 ft (140 x 194 x 210 cm)	5.6 x 10.5 x 7.2 ft (172 x 320 x 220 cm)	4.6 x 8.3 x 7.2 ft (140 x 253 x 220 cm)
Weight	440 lbs (200 kg)		770 lbs (350 kg)	
	THERMAL			
Operating Temperature	-32°F to 122° F (0°C to 50°C)			
	Other			
Additional Features	Single side entry with manual door opening, designed for space-constrained environments		Dual front-and-back automated doors for efficient passthrough operations. 4 floor-mounted door guards	
Regulations	CE (RED), FCC, KCC, Hong Kong OFCA, Australia ACMA, Qatar CRA, Saudi Arabia CITC, Singapore IMDA, UAE TDRA			
Warranty	Standard 1-year coverage, with optional extensions available under contractual agreement			

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