

IDT UNIVERSAL RFID READER HOUSING



The IDT Universal RFID Reader Housing is an ALL-IN-ONE RFID reader housing designed to make RFID reader installation and integration EASY!

Secure

Powder coated mild steel housing with removable, lockable lid

Universal IO Unit

Robust General Purpose Input / Output PCB with 8 opto isolated inputs and 4 relay isolated outputs including LED status indicators

Versatile

Either single or dual RFID reader configuration*

Protected

Built-in lightning protection, battery backup and mains supervised power supply

Data communication

Capacity for built-in GSM communications module and firewall device

Easy Installation

One easy-to-mount box with 4 mounting holes

This ALL-IN-ONE RFID reader housing product has been designed with the peripheral devices and ease-of-use to ensure a reliable and secure installation that supports business system integration with multiple applications.

KEY FEATURES

- Compact powder coated mild steel housing with removable, lockable lid (keyed-alike)
- IDT Universal IO Unit (single or dual)
- Lightning protection unit with LED status indicator for power / ethernet (single or dual)
- Steel mounting bracket for 2 RFID readers (currently Impinj Speedway Revolution R420 / R220)
- Isolated, battery backed up and mains supervised power supply for IDT Universal IO Unit and RFID readers
- (NOTE: approximately 3 – 6 hours at full power depending on dual / single RFID reader configuration)
- Capacity for 3 x 12V 7AH and 1 x 12V 1.3AH gel type batteries
- Capacity for GSM communications and firewall devices
- Forced air cooling system

TECHNICAL SPECIFICATIONS

Model Name	IDT Universal RFID Reader Housing
Model Number	IDT – RFID / UH
Material	1.2mm charcoal grey powder coated mild steel
Mounting	May be secured with 4 x 6mm mounting holes
Dimensions	110 x 120 x 310 mm
Weight	4kg
Power Supply	90 – 264 VAC
Current Requirements	1.6A / 115VAC , 1A / 230VAC per power supply (2)
Operating Temperature	32° F to 113° F (0° C to 45° C)
Operating Humidity	5% to 95% relative humidity non-condensing
Environmental	Indoor only
Device Compatibility*	Impinj Speedway Revolution reader (R420 / R220)
Safety Standards	UL60950-1 , TUV EN60950-1 approved (power supply only)
Warranty	Warrantied for defects in materials and workmanship for one year