



Authentication Devices

HT-6126

FuelShield is a secure fuel dispensing system requiring human and vehicle identification prior to beginning any fuel pumping or transfer.

These authentication measures prevent unauthorized fuel dispensing. A variety of identification methods are available and can be combined to provide the desired level of security. Authentication measures for system access are selected by the owner or end user. Device descriptions and visual details are provided for reference.

Device Options

- Dallas Key - A watch-battery-sized device housed in a durable plastic handle (fob), easily attached to a key ring or tag holder. This is the most popular option for driver authentication.
- Magnetic Card - A credit-card like device to swipe through a reader on the FuelShield by the user when prompted.

- HID Cards - A contactless card or fob commonly used for personnel identification. The FuelShield can utilize a company's existing HID system for easy systems integration.
- PIN Pad - Users are required to enter a unique code (Personal Identification Number) to authenticate themselves, the vehicle or both. No physical device is required.
- RFID - Identification method reserved for vehicle authentication, will only authorize fueling when nozzle and vehicle RFID tags communicate and approve the transaction.
- Barcoding - A durable label attached to the vehicle for authorization, often used by car sales and rental businesses. Requires a system-connected barcode reader device.

HID



Dallas Key



Magnetic Card Reader

RFID



Pin Pad

Recommended Authentication Devices

	Personnel & Users	Vehicles & Equipment
Magnetic Card Reader	X	X
Dallas Key	X	X
PIN (Personal Identification Number) Pad	X	X
HID - Host Interface Device	X	
RFID - Radio-Frequency Identification		X
Barcode Scanner		X

Barcode Scanner



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