

uPASS Reach AVI Long Distance Reader

Product Description

The uPASS Reach reader offers long-range vehicle identification up to 5 metres using the latest UHF technology. Based on battery-free passive UHF, the uPASS Reach reader offers a cost effective and enduring solution for parking access.

The system is based on a uPASS Reach reader and windscreen-mounted UHF tags. The reader is installed next to the gate or barrier that is being controlled at a maximum height of 2 metres. A long-range passive UHF tag visible in direct line of sight will be identified up to 5 metres. The UHF tags are battery and maintenance free.

The reader output allows the access control system to open the gate/barrier when an authorised vehicle arrives without the need for the driver to present a card or badge. The built-in high intensity LED provides the user visual feedback that the tag has been read.



Features

- ▶ Consistent reading up to 5m
- ▶ On-site adjustable reading
- ▶ Elegant slim design
- ▶ LED and audible read indication
- ▶ Weatherproof housing
- ▶ Operates with passive UHF tags (EPC GEN 2)
- ▶ Self-adhesive windscreen tags
- ▶ Hand-held tags with dual-technology options

Specifications

Electrical

Supply Voltage:	12 to 24V DC +10% (linear supply recommended)
Current cons:	1A @ 12V DC, 0.5A @ 24V DC

Physical

Dimensions:	200 x 220 x 45 mm (W x H x D)
Weight:	0.75 kg
Housing:	Aluminium chassis with UL94 ABS cover
Protection:	IP65
Operating temp:	-30°C to +60°C
Mounting:	Wall mounting as default. Pole mounting and adjustable mounting kits available

Inputs/Outputs

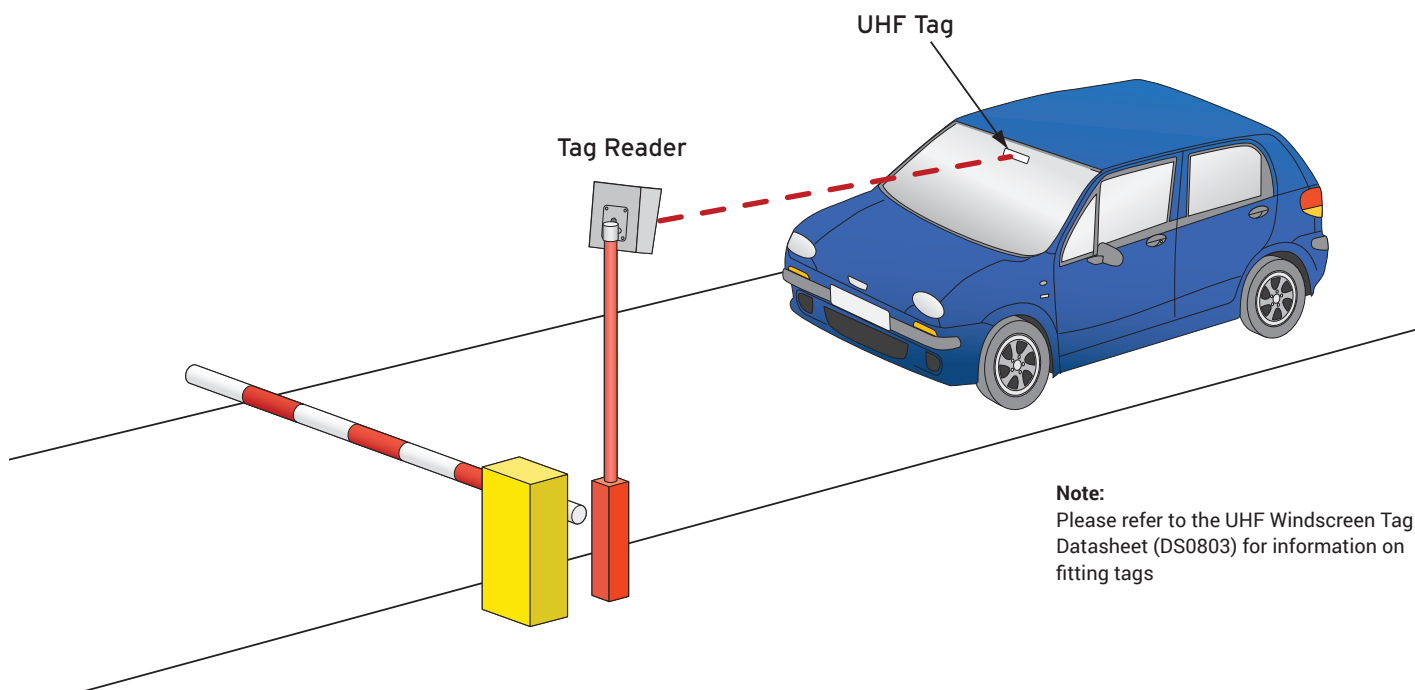
Input:	1 dry contact or TTL
Relay output:	1 relay output (NO, common, NC), 24V DC, 2A
Output:	Wiegand or Clock & Data (depending upon programmed tag format)
Cable length:	Wiegand 150m. 22AWG

Operational

Operating freq:	865 - 868 MHz (902-928 MHz option available)
Detection range:	Up to 5 metres with passive uPASS UHF tags

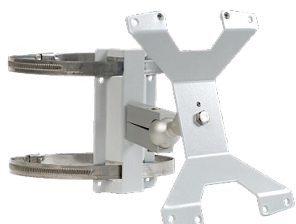
uPASS Reach AVI Long Distance Reader

Application



Ordering Information

9942319	Long range AVI reader with identification at up to 5 metres. ISO 18000 EPC Gen2 compliant.	9215255	Long Range UHF Exterior Tag. Suitable for mounting on headlights.
9875840	uPASS Reach mounting set with adjustable arm.	9943943	Long range UHF tag in ISO card format, not suitable for windshield mounting. Programmed with secured customer specific ID number.
7591152	uPASS Reach weather protection hood.	9942343	UHF - Mifare 1K Card. Credit card sized ISO credential with combined UHF and HF Mifare 1K technologies.
9945946	Long range UHF tag for windshield mounting. Programmed with secured customer specific ID number.	9943960	UHF - Legic Advant Card. Credit card sized ISO credential with combined UHF and HF Legic technologies.
9946918	Tamper proof Long range UHF tag for windshield mounting. Destroys upon removal.	9942360	UHF - EM4102 Card. Credit card sized ISO credential with combined UHF and LF EM4102 technologies.
9219641	UHF Vehicle identification tag designed for mounting on the exterior of the vehicle. Offers high performance on metal surfaces.		



9875840



7591152