

# Cardax

## Protective Reader Covers

Designed to cover a range of Cardax proximity readers, the new Cardax Protective Reader Covers help protect readers against vandal attack and harsh environments.



Designed to be tough, and look tough, the Cardax Protective Reader Covers provide increased protection for the following readers:

Cardax Prox Cover:

- Cardax Prox (TIRIS Series)
- Cardax Prox (Mifare Series)

Cardax Prox Plus Cover:

- Cardax Prox Plus (TIRIS Series)
- Cardax Prox Plus (Mifare Series)
- Cardax Prox Plus (125 Series)

CardaxFT IDT Cover:

- Cardax FT IDT (TIRIS Series)
- Cardax FT IDT (Mifare Series)
- Cardax FT IDT (125 Series)

### How they work

The Cardax Protective Reader Covers are strong plastic fittings specifically designed to increase reader resistance to vandal attack and adverse weather conditions.

Taking the brunt of an attack or harsh weather, the Covers provide a barrier and help protect the readers beneath. In the event that a Cover becomes

damaged, it is anticipated that the reader beneath will continue to function as normal and that only the Cover will need replacing.

The Cardax Protective Reader Covers are secured to the building over the top of the readers by security screws. A rubber seal around the edge of each Cover protects against water ingress. To achieve maximum protection, the reader and Cover should be installed on a flat, smooth surface.

The metal keys on the Cardax Prox Plus and Cardax FT IDT Covers are made of stainless steel to provide increased durability and resistance to vandal attack.

### Night Time Use

It is recommended that when covers are fitted to Cardax Prox Plus and Cardax FT IDT readers that they are situated in well lit areas for night time use when PIN mode is in operation. This is because the light emanating from the reader's own backlit keypad is diminished by the Cover.

### User Interface

In our quest to design robust Covers to maximise the protection for the readers, there is some impact at the user interface.

The sound level is marginally reduced and the read range is slightly reduced, but for most situations the impact is not significant.

### Flame Resistance and Environmental Protection

Injection moulded in a tinted fire resistant polycarbonate plastic, all Covers have a UL flame rating of 94V-0. Readers with fitted Covers are rated IP66.

### Colour

The Cardax Protective Reader Covers are available in Cardax Smoky Grey.

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**TECHNICAL SPECIFICATIONS**

**Cardax Protective Reader Cover for Cardax Prox readers**

<b>Dimensions</b>	Height	143 mm
	Width	74 mm
	Depth	22.5 mm
<b>Temperature Range</b>	With Cardax Prox (TIRIS Series)	-10° to +50° C
	With Cardax Prox (Mifare Series)	0° to +55° C
<b>Environmental Protection Rating</b>	With Cardax Prox (TIRIS and Mifare Series)	IP66
<b>Flame Rating</b>		UL 94V-0
<b>Reading Distance</b>	With Cardax Prox (TIRIS Series):	
	- Card Transponder	90 mm
	- Key Ring Transponder	65 mm
	With Cardax Prox (Mifare Series):	
- Card Transponder	10 mm up to 30° C	
- 5 mm	30° C to 50°	

**TECHNICAL SPECIFICATIONS**

**Cardax Protective Reader Cover for Cardax Prox Plus and Cardax FT IDT readers**

<b>Dimensions</b>	Height	167 mm
	Width	168 mm
	Depth	38 mm
<b>Temperature Range</b>	With Cardax Prox Plus and Cardax FT IDT (TIRIS Series)	-10° to +50° C
	With Cardax Prox Plus and Cardax FT IDT (Mifare Series)	0° to +55° C
	With Cardax Prox Plus and Cardax FT IDT (125 Series)	-10° to +50° C
<b>Environmental Protection Rating</b>	With Cardax Prox Plus and Cardax FT IDT (Mifare and TIRIS Series)	IP66
<b>Flame Rating</b>		UL 94V-0
<b>Reading Distance</b>	With Cardax Prox, Cardax Prox Plus and Cardax FT IDT (TIRIS Series):	
	- Card Transponder	90 mm
	- Key Ring Transponder	65 mm
	With Cardax Prox Plus and Cardax FT IDT (Mifare Series):	
	- Card Transponder	10 mm up to 30° C
		5 mm from 30° C to 55° C
With Cardax Prox Plus and Cardax FT IDT (125 Series):		
- Card Transponder	Up to 100mm*	

\* Dependant on installation and technology (FSK/ASK/PSK)



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