



## CONTACTLESS SMART CARD READERS

The addition of S710/S711 Contactless Smart Card Readers responds to the rapid growth in demand for this versatile multi-application technology.

### Overview

The models S710/S711 Contactless Smart Card Readers use the market leading Philips MIFARE® Contactless Smart Card format. The S710/S711 readers are ideally suited for Government and Commercial Institutions who require high security access control as a smart card application.

The multifunctional memory structure of the MIFARE® Smart Cards make them ideal for use in data security-sensitive multi-application systems such as access control, cashless vending etc.

The different applications are security separated by user definable 'keys'.

### Reader Options

S710 Card only Contactless Smart Card Reader.

S711 Card with keypad Contactless Smart Card Reader. Both models include an LCD display for verification of card accepted and for card rejected. The LCD display on the S711 model is also used for PIN prompt and to give verification of command functions initiated through the reader keypad.

### Key Features

Supports Philips MIFARE® format Smart Cards

Typical read range of 10-30mm

Integral Door Pre-held warning buzzer

Audible feedback provides positive confirmation of card read and key press

LCD display for verification of card accepted and card rejected

LCD display on S711 is also used for PIN prompt and to give verification of command functions initiated through the reader keypad

Ease of conversion from S620 magstripe and S670/671 Proximity readers, same connections apply

Supervised 20mA communications from multiNODE-2 controller to reader

# Model S710/S711





# SPECIFICATIONS

## Model Types

Model S710 - Card only Contactless Smart Card Reader.

Model S711 - Card with keypad Contactless Smart Card Reader.

## Power requirements

S710/S711

Nominal 12VDC (9-14V)

Maximum current consumption 0.15 Amp

## Operating environment

S710/S711

-20°C to +50°C

15% to 90% Humidity, non condensing

Optional weather kit recommended when mounting outside

## Communicating Distances

multiNODE-2 to S710/S711 (current loop) = 1000m

## Dimensions mm

S710/S711

Width = 97

Height = 125

Depth = 45

## Approvals

- Radio regulatory approvals to EN 300 330:1994
- EMC Type Testing to ETS 300 683:1995
- Access control product testing to EN 50133-1:1997
- FCC Approved




*Reader shown is the S711 card with keypad Contactless Smartcard Reader.*



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