

VSRH-6255

CSN SMART™ Smart Card Reader



ViRDI

The CSN SELECT™ VSRH-6255 is a series of multi-credential technology contactless smart card (13.56 MHz) readers that support access by an NFC compatible Android smartphone app* for use in access control system solutions. The readers have the flexibility to read the Card Serial Number (CSN) from many smart card RFID standards, perfect for transitioning from one technology to another. UV resistant and with an IP65 rated sleek and modern design, the readers can be used comfortably in any installation environment whether indoors or outdoors

GENERAL DESCRIPTION

The standard VSRH-6255 readers are configured to read the CSN of the most popular smart cards in the security industry, as well as NFC compatible Android smartphones, and output the CSN in Wiegand format. Four individual control lines provide green LED control, red LED control, and buzzer control inputs, as well as an output for the optical wall tamper detector. Select models are also able to communicate with host controllers that support the Open Standard Device Protocol (OSDP).

MAIN FEATURES

- ISO14443A – MIFARE® Ultralight® Nano / Ultralight EV1/ Ultralight C
 - MIFARE Classic® / Classic EV1
 - MIFARE Plus® S / SE / X / EV1
 - MIFARE DESFire® EV1 / EV2
 - NFC N-TAG / Card Emulation
 - ISO14443B – China National ID
 - ISO15693 – HID® iClass®, PicoPass, iCode, LEGIC
 - ISO18092 - SONY® FeliCa® (Hong Kong Octopus)
- NFC Android smartphone is supported with the Android App for Host Card Emulation (HCE)
- Multiple mounting options including micro- mullion, mullion, US gangbox and UK/Asia gangbox
- Selectable Wiegand output formats using the CS-HCT Hardware Configuration Tool for the DR-6255 application

PROFESSIONAL GRADE FEATURES

- Sleek and modern design
- Addressable OSDP connectivity available with the VSRH6255 and VSRM6255, up to 32 addresses using DIP switches
- Customizable control and status lines available with the CSN SELECT™ Configuration Card Tool for DR-6255
- Tri-colored LED operation
- Optical wall tamper detection
- IP65 rated and made of tough polycarbonate UV- resistant plastic
- Comes with mounting template and installation kit for easy installation

SPECIFICATIONS

ELECTRICAL SPECIFICATIONS	
Operating Voltage Range	8 to 16 VDC from a regulated power supply
Current at 12 VDC	75 mA
Read Range	9 cm (3.5 in.)
Tamper Output	Open collector, active low, max. sink current 16 mA
Control Inputs**	Dry Contact, N.O.
Reader Data Output Formats	CSN Wiegand 26-Bit*** and RS485 – OSDP
Environmental Specifications	
Operating Environment	Weather-resistant, UV-resistant, meets IP65, epoxy-potted, suitable for indoor and outdoor use
Operating Temperature Range	-20°C to 60°C (-31°F to 150°F)
Operating Humidity Range	0% to 95% (non-condensing)
PHYSICAL SPECIFICATIONS	
Dimensions (H x W x D)	110.7 x 75.0 x 17.0 mm (4.4 x 3.0 x 0.7 in.)
Weight	177 g (6.7 oz.)
System Components	The VSRH-6255 readers are compatible with a variety of ViRDI controllers, as well as with many third-party access control systems supporting Wiegand or OSDP interfaces
Product Warranty	12 Months

Exclusive India Partner



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