

CR001 NFC / RFID Card Reader



The CR001 card reader is an optional accessory that can be used with any Astra Telematics device for driver ID purposes. Interconnection is via RS232 and requires the 'plug-and-play' terminated cable for the appropriate device. The CR001 is powered directly from the vehicle 12/24V power via a separate CB001 cable and mounted using a snap-in holder, both of which are supplied with the CR001 kit. For further details and application guidance, please refer to the application note 'Driver ID using NFC / RFID'.

HIGHLIGHTS

- 13.56MHz Contactless Reader for use with
 - ISO1443A: Mifare Classic 1k and 4k (incl. EV1), Mini, DESFire EV1, PlusS&X, Pro X, SmartMX, Ultralight, Ultralight EV1, Ultralight C, NTAG2xx
 - SLE44R35, SLE66Rxx (my-d move), LEGIC Advant, PayPass
 - ISO14443B: Calypso, CEPAS, Moneo, PicoPass, SRI512, SRT512, SRI4K, SRIX4K
 - ISO18092 / NFC: NFC Forum Tag Type 1-4
 - Sony FeliCa
- Dimensions: 88 x 56 x 18mm
- Weight: 20g
- Operating Voltage: 9 – 30VDC
- Current Consumption: 50mA @ 12V, 25mA @ 24V
- Reading Distance: typically 40mm
- Reading Confirmation: audible (beep) from built in sounder
- Interface: RS232
- Astra Device Compatibility: All devices
- Certifications: CE, Australia, EAC, FCC, IC, RoHS-II compliant
- Mounting: Dash top using snap-in holder (included)