

### Product Description

Delta smart reader with Multi-Tech technology provides a user friendly and robust security Access Control usage; with a smart design that suitable for different types of installation environment which can easily match different design theme decorations with easy installation, high quality materials is used to ensure the reliability and long-term performance, ultra slim design with various colour selection.

With special encrypted data output which works together with Delta Gateway or Delta multi-channel combiner can ensure the data cannot be decoded by external device, this can solve the Wiegand signal transmission problem. The embedded Bluetooth as a data transmission path can read the encrypted virtual credential number from Android system and iOS system also can be built in the same reader as an option.



DAC-MTCR-001

### Features

- Waterproof IP67 with tamper
- Bluetooth and Contactless Dual Technology Reader
- Support 13.56 MHz ISO 14443 A, B, Bluetooth 4.0
- Red / Green / Blue or mixed color LED bar for visual notification
- Access granted and access denied LED & Buzzer ON / OFF



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ACCESS CONTROL

### Specification

<b>Model</b>	<b>DAC-MTCR-001</b>
Card Number Output	32 – 64 bits CSN, 32 bits CSN, 32 – 56 bits CSN / Sector
Item No. (RF / RF+BLE)	6311 / 63T1, 6312 / 63T2, 6313 / 63T3, 6314 / 63T4
Card Technology	SONY Felica CSN, Mifare Plus S/X, Mifare DESFire EV1, LEGIC Advant
Key Authentication	Custom 128 bits diversify key
Card Data Security	Max. 64 bits card number mixed with original CSN, custom AES 128 bits key data encryption, CRC 16
Reader Output	Wiegand Output (OSDP – optional) Max. 64 bits card number mixed with original CSN, custom AES 128 bits key data encryption, CRC 16
Typical Read Range	13.56MHz: 4cm+, Bluetooth Technology: 1M Typical read range achieved in air; different types of metal will cause some degradation Use spacers to space product off metal and improve read range if required.
Reader Cable	10 wires. Power, Ground D0, D1, Buzzer, RS485(A), RS485(B), spare
Mounting	Wall switch Size; designed to mount and cover single gang switch boxed primarily used in Britain and associate countries
Visual Indicator	LED bar in RED / Green / Blue color, user defined ON / OFF time interval
Audio Indicator	Internal buzzer, user defined beep sound ON / OFF time interval (ms)
Color	Black, Dark Grey, Light Grey or White
Dimension (visual)	8.5cm x 8.5cm x 0.8cm
Product Weight	Approx. 350g
Operating Voltage	12VDC
Operating Current	350mA
Operating Temperature	-20 °C – 60 °C
Operating Humidity	0-95% non-condensing
Enclosure material	Polycarbonate ABS
Certification	FCC, CE



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