# DoorLock KXC-WA9 – DATASHEET



ORDER-CODES:
KXC-WA9-IP2

| | |
|---|---|
| **Function** | Wide range reader for wall/pole mounting |
| **Connection possibility** | DoorLock AccessManager (ART: KXP-2-RS) |
| **Reading area** | Up to 8 m (26 ft) |
| **Configuration** | About KentixONE<br>Integrated web server (HTTPS) |
| **RFID Reader Frequency** | EU: 865.6 – 867.6 MHz<br>US: 902 – 928 MHz |
| **Dimensions, weight** | 300 x 300 x 60 mm WxHxD<br>2.6 kg |
| **LED** | RED, GREEN |

© Kentix GmbH. This file was automatically generated on 2026-11-11 12:48:17. Please visit docs.kentix.com for the latest documentation.

| | |
|---|---|
| **Acoustic signal generator** | 70dB, 2.3kHz |
| **Connection of wall reader to AccessManager** | 4-wire cable (cable: J-Y(ST)Y, 4x2x0.8)<br>Cable length up to max. 500m |
| **Addressing**<br>**Terminating resistor** | Coding switch (default address: 1)<br>MOVEMENT:<br>(1) **ADDRESS 1(ON/OFF**)<br>(2) ADDRESS 2 (**ON/OFF**)<br>(3) –<br>(4) –<br>(5) BAUD RATE**(ON**)<br>(6) –<br>(7) –<br>(8) TERMINATING RESISTOR (**ON/OFF**) |
| **Communication** | 2-wire RS485, encrypted (AES128) |
| **Environment** | Temperature -40°C to +60°C |
| **Power supply** | 24VDC, power consumption approx. 10W |
| **Connection** | 9-pole terminal block detachable<br>MOVEMENT:<br>(1) –<br>(2) –<br>(3) –<br>(4) –<br>(5) –<br>(6) DATA-A<br>(7) DATA-B<br>(8) 10-30VDC<br>(9) GND |
| **Protection class** | IP66, aluminum housing with UL94 certified XENOY™ cover |
| **Scope of delivery** | Wide range reader for wall/pole mounting<br>ISO cards tag<br>Windscreens adhesive day |
| **Certification** | CE, FCC |

## ISO Card ID Tag

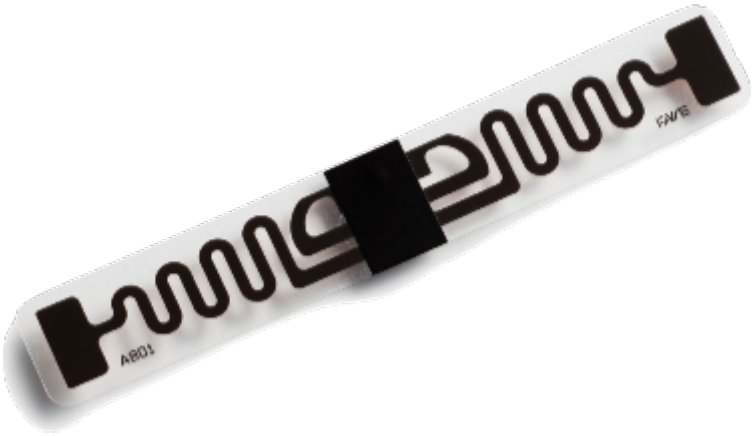
© Kentix GmbH. This file was automatically generated on 2026-11-11 12:48:17. Please visit docs.kentix.com for the latest documentation.




| | |
|---|---|
| **ISO Card ID Tag** | RFID card for the wide range reader |
| **Reading range** | EU: Up to 8 meters (26 ft.)<br>US: Up to 9 meters (29 ft.) |
| **Operating frequency** | EU: 865.6 – 867.6 MHz<br>US: 902 – 928 MHz |
| **Dimensions** | 86 x 54 x 0.8 mm (3.4 x 2.1 x 0.031 inch) |
| **Standard/Encryption** | EPC Gen2, ISO 18000-63, SecureMarkID® |
| **Chip Info** | Alien Higgs 3 |
| **Operating temperatures** | -10 to +50 °C ( 14 to 122 °F) |
| **Material** | PVC (Matte/High Gloss)/PET/PETG/ABS |
| **Barcode** | 128C |
| **Color** | White with print |

## Windshield ID Tag

© Kentix GmbH. This file was automatically generated on 2026-11-11 12:48:17. Please visit docs.kentix.com for the latest documentation.



| | |
|---|---|
| **Windshield ID Tag** | RFID tag for the wide range reader |
| **Reading range** | EU: Up to 5 meters (16 ft.)<br>US: Up to 6 meters (20 ft.) |
| **Operating frequency** | EU: 865.6 – 867.6 MHz<br>US: 902 – 928 MHz |
| **Dimensions** | Antenna size 90 x 11 mm (3.5 x 0.4 inch) |
| **Standard/Encryption** | EPC Gen2, ISO 18000-63, SecureMarkID® |
| **Chip Info** | Alien Higgs-3 |
| **Operating temperatures** | -10 to +50 °C ( 14 to 122 °F) |
| **Material** | Plastic |
| **Barcode** | 128C |
| **Color** | Transparent with antenna |

© Kentix GmbH. This file was automatically generated on 2026-11-11 12:48:17. Please visit docs.kentix.com for the latest documentation.