# Keyscan K-SMART3

13.56MHz reader– with mobile credential support

**dormakaba**

## Keyscan high-frequency reader series

### K-SMART3 readers are mobile-ready for use with Keyscan mobile credentials

The new K-SMART3 reader features added technologies and dedicated functions for Keyscan systems.  Its anti-tamper "heartbeat" intelligence triggers alarm conditions when the signal is interrupted. Plus, auxiliary LED indicators provide visual confirmation of our exclusive Present3 and Lockdown mode.

### Keyscan Advantage

K-SMART3 offers unrivalled performance and reliability when coupled with Keyscan K-SECURE 1K/4K credential series featuring our proprietary 36-bit format for enhanced reader and credential encryption.

### Supports Keyscan Mobile Credentials

K-SMART3 is designed to offer the benefits of high-caliber access control with the freedom to use smart cards or your smartphone.
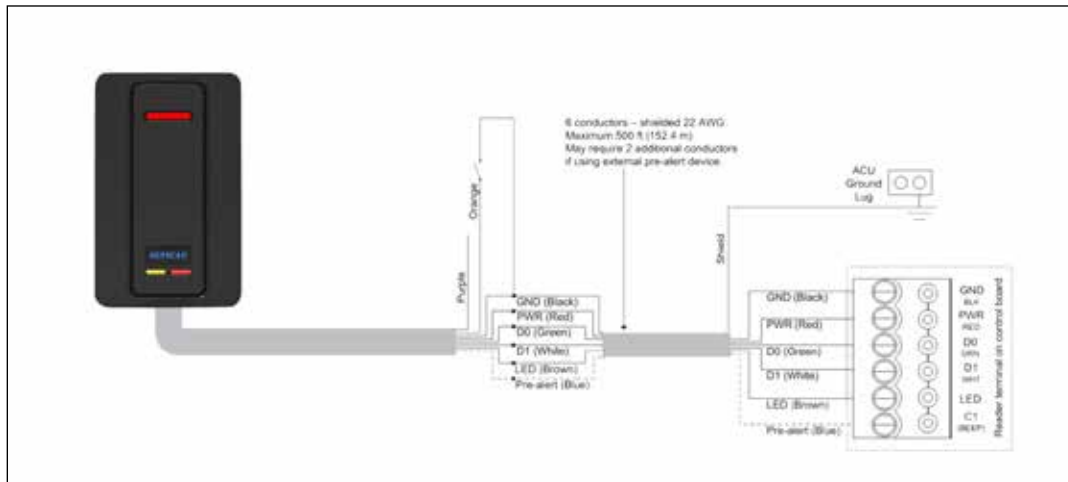
A cost-effective 13.56MHz reader solution, with the ability to function with both physical and Keyscan K-BLE mobile credentials, K-SMART3 makes an ideal choice for new Keyscan installations and existing system upgrades and retrofits.

**Keyscan mobile-ready reader series**

## Added benefits of K-SMART3

- Compatible with legacy K-SMART readers  and K-SECURE series of credentials, DESFire EV2 credentials (REV 19C), as well as ISO 14443 contactles non-proprietary smartcards (reading card serial number only)
- Support for Keyscan mobile credentials (K-BLE) with no added programming
- Will function with non-Keyscan access control systems*. (requires the included K-PC2 reader programming card to toggle features on/off)
- On board audible tone is available to generate a sound alert whenever 'door held open' events are detected
- Simple 2 in 1 unit supports mullion or single gang installation applications
- Durable tamper-resistant epoxy design with weather-re-sistant construction for reliable indoor or outdoor operation

# Typical installation of Keyscan K-SMART3 mobile-ready reader



## Specifications

| | |
|---|---|
| Size | Mullion: 4 7/16" x 1 11/16" x 11/16" (11.5 cm x 4.49 cm x 1.7 cm)<br>Switch Plate: 4 3/4" x 3" x 5/8" (12 cm x 7.6 cm 1.6 cm) |
| Physical Credential Read Range | On or off metal: 1" (3 cm) with ISO type card |
| Mobile credential read range | Four BLE read ranges:<br>Short range; Medium range; Long range; Maximum range<br>(all read ranges are subject to installation of reader and type of mobile device used) |
| Input voltage | 12 VDC at reader |
| Typical current draw | 125mA |
| Cable Distance | 12" wire pigtail standard<br>Wiegand interface 500 feet (152 meters); 6 conductor shielded 22 AWG |
| Operating Temperature | - 40° C to 66° C (- 40° F to 150.8° F) |
| Reader Programming Card | K-PC2 command card (included) to toggle Keyscan enhanced features (Present3 & heartbeat) |
| BLE programming card | BLE card to program BLE reader range setting (short, medium, long or maximum)<br>(package of five identical programming cards, sold separately) |
| Indoor/Outdoor Design | Secured in a rugged, tamper-resistant epoxy potting designed to withstand harsh weather conditions<br>Easily installed in any location |
| Connections | Connections must be in accordance with NFPA 70. Reader and/or control unit power sources must not be connected to a receptacle controlled by a switch |
| Panel compatibility | PC1097 with system firmware V8.41; reader IO firmware 7.61 (higher)<br>PC1156 (SDAC) with system firmware V2.03; reader IO firmware 3.4.20<br>PC1156 (CA150) with system firmware V2.03; reader IO firmware 3.4.20 |
| Certifications | UL-294 - Fifth Edition, CAN/ULC-S319-5 - First Edition; FCC ID: WFW-KSMART3 & IC: 5241A-KSMART3; ETSI EN 301 489-1 V2.1.1 (2017-02); ETSI EN 301 489-3 V2.1.1 (2017-03); ETSI EN 301 489-17 V3.1.1 (2017-02); EN 55032: 2012/AC:2013, ETSI EN 300 330 V2.1.1 (2017-02); ETSI EN 300 328 V2.1.1 (2016-11); Canadian Industrial Design Certificate of Registration: 169,198 and 169,199. |