

# Keyscan K-SMART3

13.56MHz reader– with mobile credential support



## Keyscan mobile-ready reader series

### 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.

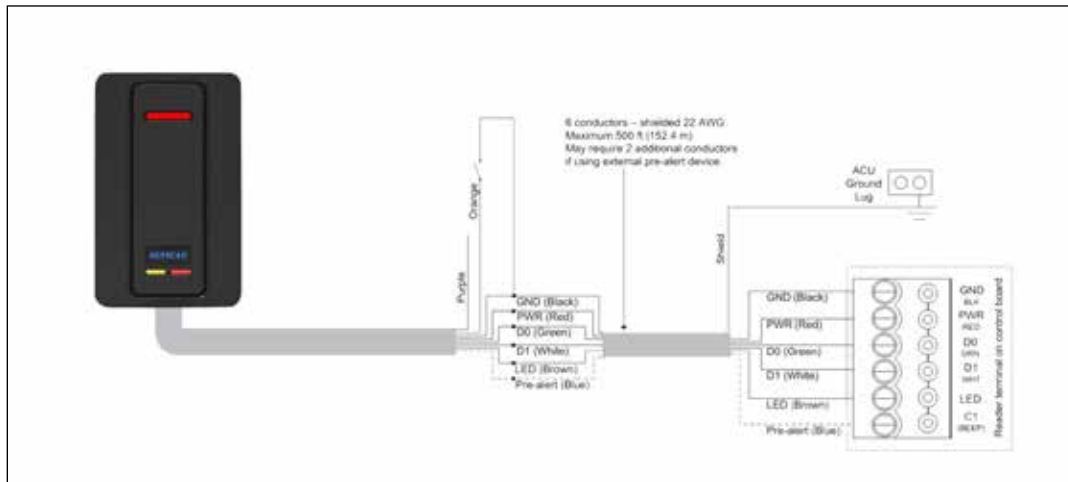
A cost-effective 13.56MHz reader solution, with the ability to function with both physical and Keyscan K-BLE mobile credentials, K-SMART3 makes an ideal choice for new Keyscan installations and existing system upgrades and retrofits.

### 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 contactless 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-resistant 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) 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: Short range; Medium range; Long range; Maximum range (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 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) (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 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) PC1156 (SDAC) with system firmware V2.03; reader IO firmware 3.4.20 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.

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