

KWA ISO-15693/14443 Keyboard Wedge



Introduction

The KWA Keyboard Wedge is a read-only device that rapidly and accurately captures a badge identification (BID) number from either an ISO14443A or ISO15693 physical security credential.

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The KWA Keyboard Wedge is a data entry convenience device. It is not an access control reader. The KWA does not communicate with microcontrollers, or contribute to the determination of access privileges.

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Connections

The keyboard and system PC connections are made through PS/2-style 6-pin mini-DIN connectors, keyed for correct installation. The KWA 12VDC power plug is keyed so as to require proper $\pm$ conductor orientation. The power cable is permanently terminated at the AC power supply.

User Interface

LED Control

The red LED blinks on briefly to indicate a BID has been read and sent to the PC.

The green LED is not active.

The yellow LED indicates the KWA is powered, and that the attached PC is powered on. The yellow LED blinks off briefly to indicate a valid badge read.

Beeper Control

The beeper sounds briefly to indicate that a badge has been read.

Operating Environment

Temperature: -20°C to +70°C (-4°F to 158°F)

Humidity: 0% to 95% humidity, non-condensing

The KWA Keyboard Wedge is a desktop unit, intended for use in-doors only.

KWA Use

Power on the KWA configured personal computer. Place the cursor in BID field of the software application. Place the credential (typically a badge) on the KWA reader. The KWA Keyboard Wedge will read the credential and format the credential badge identification number as text, properly format the BID and send the resulting character string to the cursor designated data entry field.

Proceed in the customary manner with creation of the badge holder record.

Regulatory Notices

FCC

Changes or modifications not expressly approved by deister electronic for compliance could void the user's authority to operate the equipment.

Agency Approvals

The KWA has been agency tested to FCC part 15c, CE EN301489 and EN300330.