

Model 24 W ISO-15693 Keyboard Wedge

Introduction

The Model 24W 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.



The captured BID is sent to one of four GE-Interlogix software products: Secure Perfect, Secure Perfect Imaging, Picture Perfect or Access Vision Imaging, doing so as if the BID had been entered from a keyboard.

The M24W Keyboard Wedge is a data entry convenience device. It is not an access control reader. The M24W does not communicate with microcontrollers, or contribute to the determination of access privileges.

M24W versions

There are four version of the Model 24W Keyboard Wedge available;

- 430185001 for M24W, 110VAC, 16-digit output
- 430186001 for M24W, 230VAC, 16-digit output
- 430189001 for M24W, 110VAC, 12-digit output
- 430190001 for M24W, 230VAC, 12-digit output

Currently Secure Perfect can only support 12-digit BID numbers. ISO15693 BID's are 16-digits long. The 12-digit output versions of the M24W Keyboard Wedge will truncate the high-order 4 digits of an ISO15693 BID credential, making the resulting BID compatible with Secure Perfect.

Connections

The keyboard and system PC connections are made through PS/2-style 6-pin mini-DIN connectors, keyed for correct installation. The M24W 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 M24W 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 M24W Keyboard Wedge is a desktop unit, intended for use in-doors only.

M24W Use

Power on the M24W configured personal computer. Place the cursor in BID field of the software application. Place the credential (typically a badge) on the M24W reader. The M24W 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 GE- Interlogix for compliance could void the user's authority to operate the equipment.

Agency Approvals

The M24W has been agency tested to FCC part 15c, CE EN301489, EN300330 and EN50130-4.