



## Mini Mag Stripe Reader (Wedge Interface)

Please read these instructions prior to installing and connecting the mag stripe reader to your point of sale system.

### Introduction:

The wedge interface magnetic stripe reader connects between a PC and its keyboard. The reader looks transparent to both the keyboard and the PC until a card is read. When a card is read, the reader disables the keyboard and sends card data using the same scan codes used by the keyboard. The PC cannot distinguish between data from the keyboard and data from the reader. This type of reader can connect to PS/2 or AT type PCs. The PC keyboard connector supplies power to the reader. The reader can be configured to send card data with or without start sentinel, end sentinel, and carriage returns. The reader also recognizes commands from the PC to enable or disable the keyboard or card reading. When powered up, all devices are active.

### Mounting Location:

Select a mounting location that will allow a card to be easily inserted into the channel of the reader. Leave enough room on either side of the channel to allow the card to flow unobstructed from entry to exit. The reader is supplied with dual-lock "superlock" fasteners with aggressive adhesive. Typical mounting locations: the right vertical side of the monitor, or on the deck above the cash drawer, immediately above the keyboard and in front of the monitor. (On DGA-supplied decks, cover the pre-drilled holes at the front corner of the deck).

### Installation:

1. Prior to attaching the reader to your computer, make sure the computer power is OFF and the computer power connector is unplugged from the power source. (Observe this precaution whenever you attach or disconnect ANY data cable from your computer).
2. Connect the cables as indicated in Figure 1 or Figure 2. One end of the Y cable plugs into the PC. The other end plugs into the keyboard; however, if a keyboard is not required, leave this end unconnected. Since the reader provides its own clock, it is not necessary to connect a keyboard. This can be beneficial in applications that use a touch screen for user interface or when the interface is for a portable computer.

#### *Note*

*If multiple devices are connected to the PC via the keyboard port, the reader must be connected closest to the PC.*

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Windows Driver:

No driver required. The reader attaches to and emulates a standard PC keyboard. Card swipe data is applied to the keyboard port of the computer, just as though it was entered from the keyboard.

Operation:

The reader passes data from the magnetic stripe on the back of credit cards to an EDC, or Electronic Data Capture program to facilitate credit card processing and approval. In most cases, the card must be swiped only during the time when the client program is waiting for the data.

Prior to reading the card, the light at the top front of the reader should be green.

Note the proper orientation of the magnetic stripe as depicted in the graphic on the face of the stripe reader. Insert the card face down into either end of the channel, noting the orientation of the stripe. With a smooth, flowing motion, pass the card through the channel. As the card is being read, the light at the top front of the reader will go off. After the data has been successfully read, the light will again turn green.

If the card was not successfully read, again insert the card into the reader and attempt to read the card. You might also try passing the card from the opposite direction (It doesn't matter which end is used as the input end, as long as the stripe is in the proper position – facing frontward and down.)

If the card is not read successfully after two or three attempts, the magnetic stripe on the back of the card is probably damaged. The number and expiration date will require manual entry from the computer's keyboard.

Care and Maintenance:

No special maintenance is required. Avoid inserting abrasives in the card channel. Avoid spilling liquids in the card channel. DO NOT use solvent cleaners on the external surfaces or in the card channel.

The reader is not weatherproof - use indoors ONLY.