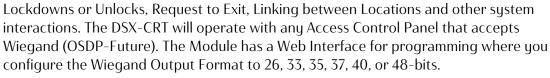# DSX-CRT2/4
Card Read Translator

Overview

The DSX-CRT can receive a concise and secure packet over the customers network and translate it to a Wiegand card read or a pulsed output. The CRT is a gateway for other systems such as Visitor Management, Facial Recognition, Temp and Mask Verification, Parking, or other applications to send a Card Read or Access request or even an alarm to DSX. **The CRT now provides an OSDP to Wiegand translation.**

Each Module will provide communications for Two Doors. The 4 Open Collector Outputs can be connected to DSX Controller Inputs for Alarm Activation, to Initiate Linking, Emergency Lockdowns or Unlocks, Request to Exit, Linking between Locations and other system interactions. The DSX-CRT will operate with any Access Control Panel that accepts Wiegand (OSDP-Future). The Module has a Web Interface for programming where you configure the Wiegand Output Format to 26, 33, 35, 37, 40, or 48-bits.

With a Covid/Temp Screening System the Employee has their identity confirmed by their Card Read or Facial Recognition device. If they have a fever, it sends a Command to the CRT to activate an open collector output to signal a "fever alarm" or a different output for a "no mask" alarm. If the person is screened and validated, their card number is sent to the CRT which translates it to a card read and sends it to the DSX Controller. The Controller could respond by Unlocking a Door or Checking the Card Holder In to enable their card throughout the rest of the Location.

The DSX-CRT comes in a 2-Reader Port/4-Output and a 4-Reader Port/8-Output configuration.

- DSX-CRT2
- 2 Reader Ports
- 4 Outputs
- 4 ¾ x 3 ½
- 8 oz.

- DSX-CRT4
- 4 Reader Ports
- 8 Outputs
- 6 ¾ x 3 ½
- **13.5 oz**