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INTEGRATION SOLUTIONS

Product Overview

The WDG-6112 connects to a computer via a USB-C connection and to an OSDP or Wiegand credential reader. When credentials are read by the reader the credential data is sent to the WDG-6112 which outputs the data on the computer as keystrokes.

Applications

- Creating credential databases during site takeovers
- Use with your RFID reader to create an enrollment reader solution
- Troubleshoot readers/credential output in the field
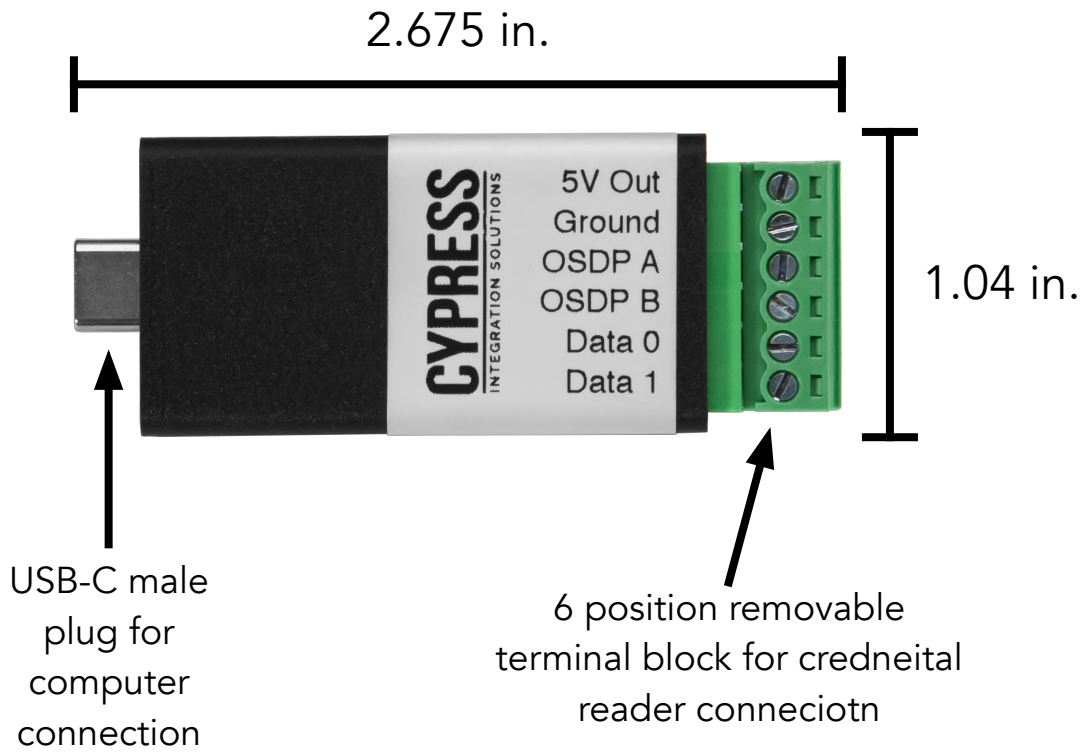
RoHS

WDG-6112_221014

WDG-6112 USB Data Wedge Features

- USB-C connection to computer

- Includes 3 foot USB-C extension cable (female to male)

- Supports OSDP and Wiegand credential readers

- +5 VDC output for powering credential readers

- Default configuration processes any credential format, outputs number of bits and raw credential data in hexadecimal

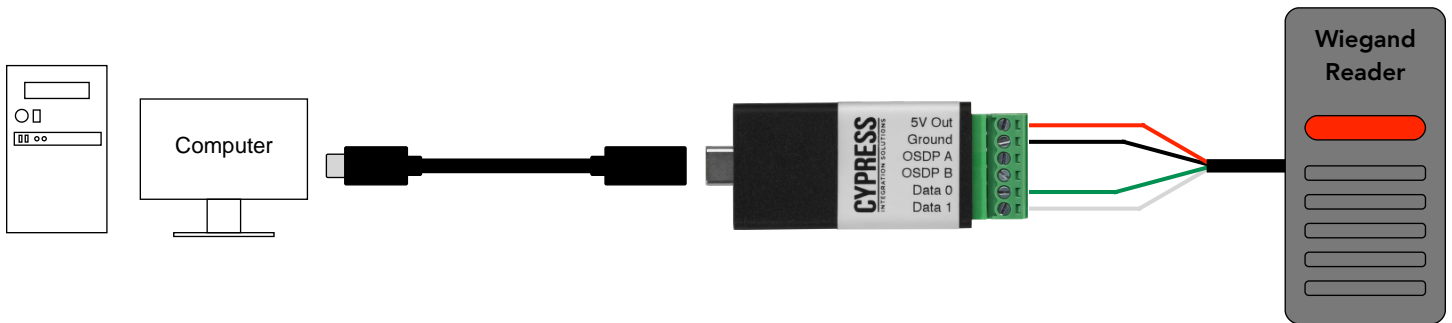- Simple configuration allows processing of up to 10 credential formats simultaneously

Specifications			
Part Number	Part Number		WDG-6112
	UPC		816684006135
Physical	Physical Dimensions (L x W x H)		2.675 x 1.04 x 0.636 inches | 6.80 x 2.64 x 1.62 cm
	Weight	WDG-6112	1 oz. | 28.35 grams
		USB-C Cable	1.2 oz. | 34.02 grams
Environmental	Operating Temperature Range		32⁰F to 185⁰F | 0⁰C to 85⁰C
	Enclosure Rating		Not rated for water or dust intrusion
USB	Unit features male USB-C port and can connect directly to computer		
	Supports USB 2.0		
	Appears as a USB keyboard / Human Interface Device (HID) during normal operation		
	Appears as USB Mass Storage Device when in configuration mode		
Electrical	Unit is powered by the USB-C connection		
	Unit draws 50 mA MAX from USB-C Port		
	Unit provides +5 VDC output for powering credential readers (5 VDC @ 450 mA MAX)		
Additional Features	Includes 3 foot USB-C extension cable (female to male)		
	Supports OSDP and Wiegand credential readers		
	Removable 6-position terminal clock for credential reader connection		
	Configurable with configuration file, create configuration file with tool hosted on www.cypressintegration.com		
	Configuration allows processing of up to 10 different credential formats simultaneously		
	Configuration allows specifying multiple fields for credential data (typically facility code and card number values) and adding keypresses of any key before, between, and after the multiple data fields		

WDG-6112 Approximate Dimensions

2.675 in.

1.04 in.

5V Out
Ground
OSDP A
OSDP B
Data 0
Data 1

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USB-C male plug for computer connection

6 position removable terminal block for credneital reader conneciotn

WDG-6112 and Wiegand Reader Diagram

Computer

5V Out
Ground
OSDP A
OSDP B
Data 0
Data 1

Wiegand Reader

WDG-6112 and OSDP Reader Diagram

Computer

5V Out
Ground
OSDP A
OSDP B
Data 0
Data 1

OSDP Reader