

OTT-2100 Quick Start Guide

Handheld OSDP COMSET Tool

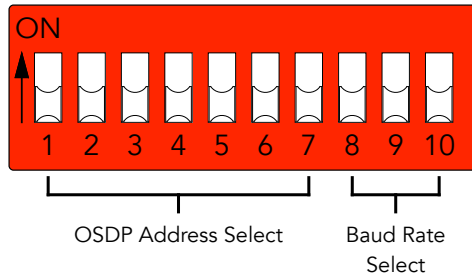
The OTT-2100 is a pocket sized device that quickly and easily configures the COMSET parameters of an OSDP reader or peripheral device (PD).

Features: 10 DIP switches are used to set the desired COMSET parameters • (3) LEDs show the status of the device and OSDP communication session • Listening Mode for basic OSDP communication diagnostics • Low battery indicator: LED 1 will be solid red • Device will enter Sleep Mode after 2.5 minutes of no user activity to save battery life • Includes one field serviceable battery (CR2032 coin cell)

Before using install battery with the + side visible.

Full product manual available at cypressintegration.com/support/manuals/ with information on Listening Mode and Firmware Upgrade Mode.

Address	4	5	6	7
0				
1				X
2			X	
3			X	X
4		X		
5		X		X
6		X	X	
7		X	X	X
8	X			
9	X			X
10	X		X	
11	X		X	X
12	X	X		
13	X	X		X
14	X	X	X	
15	X	X	X	X



Use DIP switches 1-7 to select the desired OSDP address and DIP switches 8-10 to select the desired baud rate.

OSDP address 0-126 are supported, the table to the left shows how to set addresses 0-15. All supported baud rates are shown in the table below.

Baud Rate	8	9	10
9600			
19200			X
38400		X	
57600		X	X
115200	X		
230400	X		X

X = ON

General COMSET Mode Instructions

1. Set the desired address and baud rate using the DIP switches.
2. Connect the single OSDP reader or PD to the OTT-2100 by connecting the two OSDP data lines to the removable screw terminal block. The polarity of the OSDP data lines does not matter, as the polarity switching feature will allow communication regardless of the polarity.
3. Turn the Power/Mode switch to the left position to power the OTT-2100 on in COMSET Mode.
4. LED 1 will be flashing blue while the OTT-2100 is attempting to establish communication with the OSDP reader.
5. Once the OTT-2100 has established communication with the OSDP reader LED 1 will be flashing green.
6. LED 1 will continue flashing green while communicating with the OSDP reader. Once the OSDP reader address and baud rate have been configured, LED 2 will turn solid green.
7. After the address and baud rate have been configured the OTT-2100 will attempt to start a Secure Channel session with the OSDP reader. LED 3 will be solid green when communicating with the OSDP reader in a Secure Channel session with the default Secure Channel Base Key (SCBK).

The OTT-2100 automatically switches the polarity of the OSDP data lines, cycles through baud rates, and uses the broadcast address 127 when establishing communication with the reader in COMSET Mode; making it easy to connect to the OSDP reader or PD.

OTT-2100 COMSET Wiring Diagram

