



Acre Secure-Touch Readers with ACTPro – OSDP Protocol

This document describes the process for connecting the Acre Secure-Touch readers to ACTPro, based upon the OSDP protocol.

The readers will be configured to read ACT encoded Mifare and DESFire cards.

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1. Reader Detail

The Acre Secure-Touch readers are available in either OSDP or Wiegand versions, however this guide will focus on using the OSDP protocol with ACTPro.

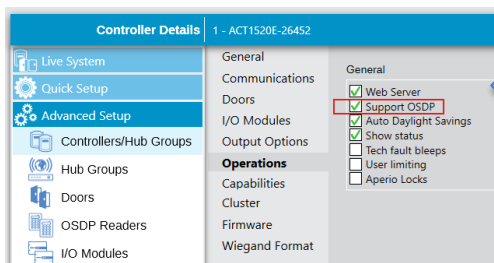
2. Wiring and Installing Reader - OSDP

The reader is wired in the following way:

ACT 1520e Up to 2 Readers Daisy Chain Wiring.

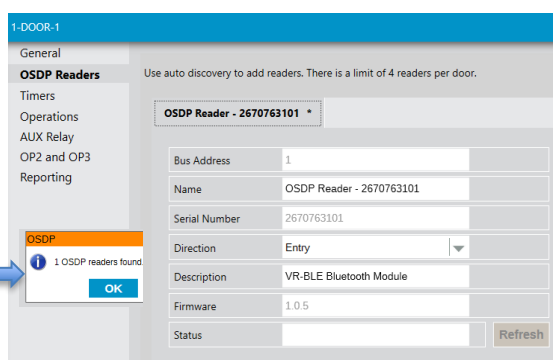
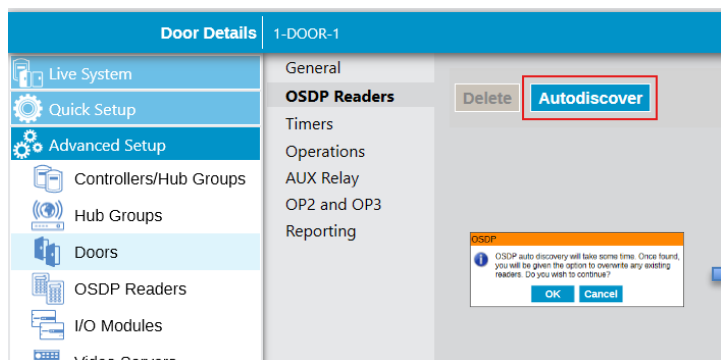
Reader	ACT1520- Door controller
V+ (6 - 28 vdc)	+12/24V
V-	0V/Gnd
A+	OSDP/Net -A
B-	OSDP/Net -B

Adding an OSDP Reader in ACTpro:



Enable Support for OSDP on the related door controller
From ACT Install > Controllers / Hub Groups






Add the reader to your database from ACT Install > Advanced Setup > Doors
Select the related door and from **OSDP Readers** click **Autodiscover**
Message will appear stating 1 or 2 readers found – Press OK to add



3. Selecting Reader Output

The readers have 5 operating modes, as shown below.

For use with ACT encoded credentials ACTPro File Mode 37Bit (Green) should be selected

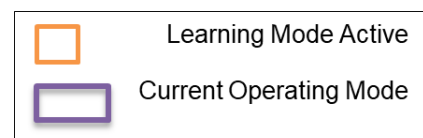
Operating Mode	Colour
Serial Mode 37Bit	Amber 
Reverse Serial Mode 37Bit	Red 
ACTpro File Mode 37 Bit	Green 
Full Serial Mode 56 Bit	Purple 
Full Rev. Serial Mode 56 Bit	Blue 

Enable “Learning Mode”:

To enable learning mode the reader must be powered on with the tamper activated. Present a card to the Reader within 30 seconds, then present again within a further 5 seconds.

To confirm the reader is in “learning mode” the Right LED will flash twice, and the left LED will show a colour representing the current operating mode.

If no card is detected for 5 seconds, the learning mode will “timeout” and the reader will return to normal operation. (To enable learning mode at any time - repeat above steps)



Change Operating Mode:

With the reader in learning mode, simply present a card to the reader to cycle through the available options.

When the reader changes to the next operating mode the colour will change, and you will hear a double beep. The Right LED will flash twice.

When the left LED shows the required colour wait 5 seconds for the learning mode to “timeout” and the reader will return to normal operation.

SUPPORT INFORMATION



If you have any questions, please contact our Global Technical Services team.
Contact details can be found on our website.