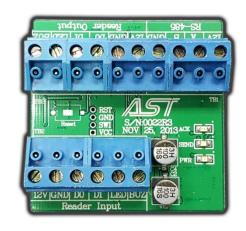# Wiegand Extender (*AST-CV16*)

Wiegand extender is used to repeat the Wiegand signal via RS485 cable or direct extend the Wiegand signal. A pair of convertor board can support up to 1.2Km with full card reader functions.

Specifications

	AST-CV16
Communication	
RS485 Port	19200 bps (8,n,1)
Wiegand Input	24 - 88bits
Wiegand Output	24 - 88bits
General	
Power	12VDC / 50mA (Not include Reader)
Power for Reader	12V/0.2A
Working Environment	-10℃ to 50℃ 10% to 90% RH
Dimensions	50mm x 50mm x 20mm (H x W x D) (Installation Area)

Schematic:

Wiegand Out
(to Controller)

Wiegand IN
(Reader)

Belden 8723
RS485 (Up to 1.2Km)

Wiegand Out
(to Controller)