

Product Introduction

AR-WGREP

① Product



AR-WGREP (Version 1)



AR-WGREP (Version 2)

② Installation Notice

- What condition required AR-WGREP? When access controller received unstable signal transmission, AR-WGREP is used for Wiegand signal enhancer
- AR-WGREP could extend Wiegand signal transmission to 30-50 meters under normal circumstances. The effective extension distance will be different depending onsite environment.
- It is recommended to install AR-WGREP in a position where the controller could received stable Wiegand signal

Specification

AR-WGREP (Version 1)

	Color	Function	Description
1	Red	V+	9-16VDC
2	Black	V-	GND
3	Green	D0-out	WG DATA 0 output
4	Blue	D1-out	WG DATA 1 output
5	Brown	D0-inp	WG DATA 0 input
6	Gray	D1-inp	WG DATA 1 input

AR-WGREP (Version 2)

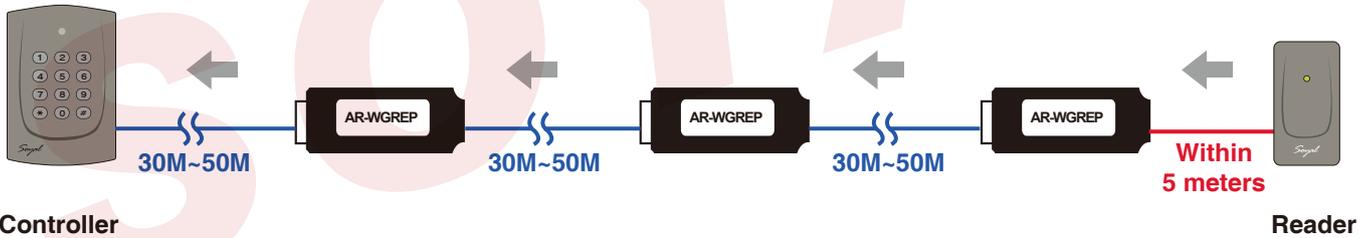
Cable 1

	Color	Function	Description
1	Green	D0-out	WG DATA 0 output
2	Blue	D1-out	WG DATA 1 output
3	--	--	--
4	Black	V-	GND
5	Red	V+	9-16VDC

Cable 2

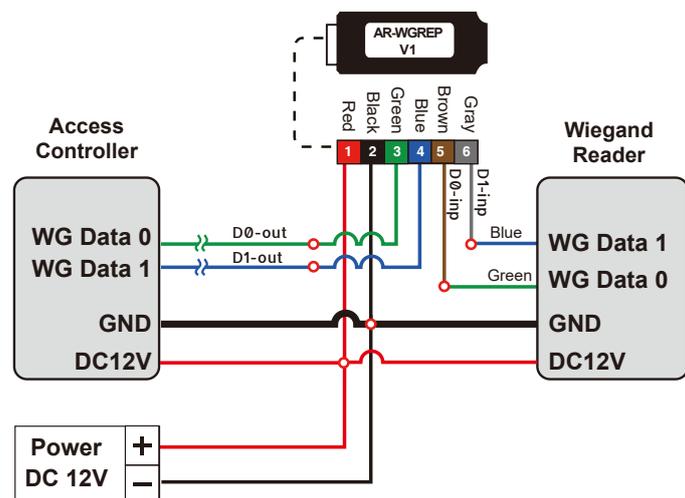
	Color	Function	Description
1	Green	D0-inp	WG DATA 0 input
2	Blue	D1-inp	WG DATA 1 input
3	--	--	--
4	Black	V-	GND

Wiring Distance and Position



Wiring Diagram

AR-WGREP (Version 1) Wiring Diagram



AR-WGREP (Version 2) Wiring Diagram

