

# A22K NETWORK CONNECTIVITY

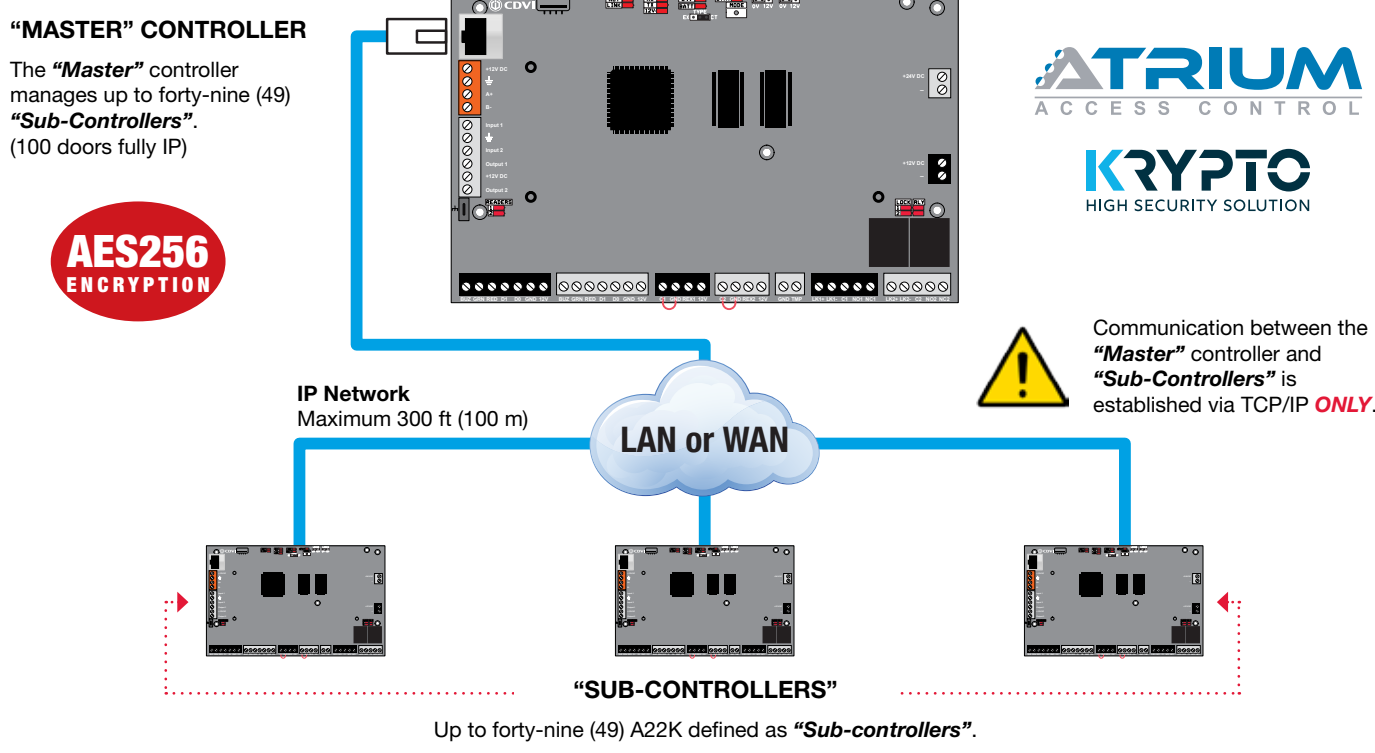
## 500 DOOR SYSTEM

(100 doors connected IP + 400 doors connected RS485)

### IP CONNECTIVITY

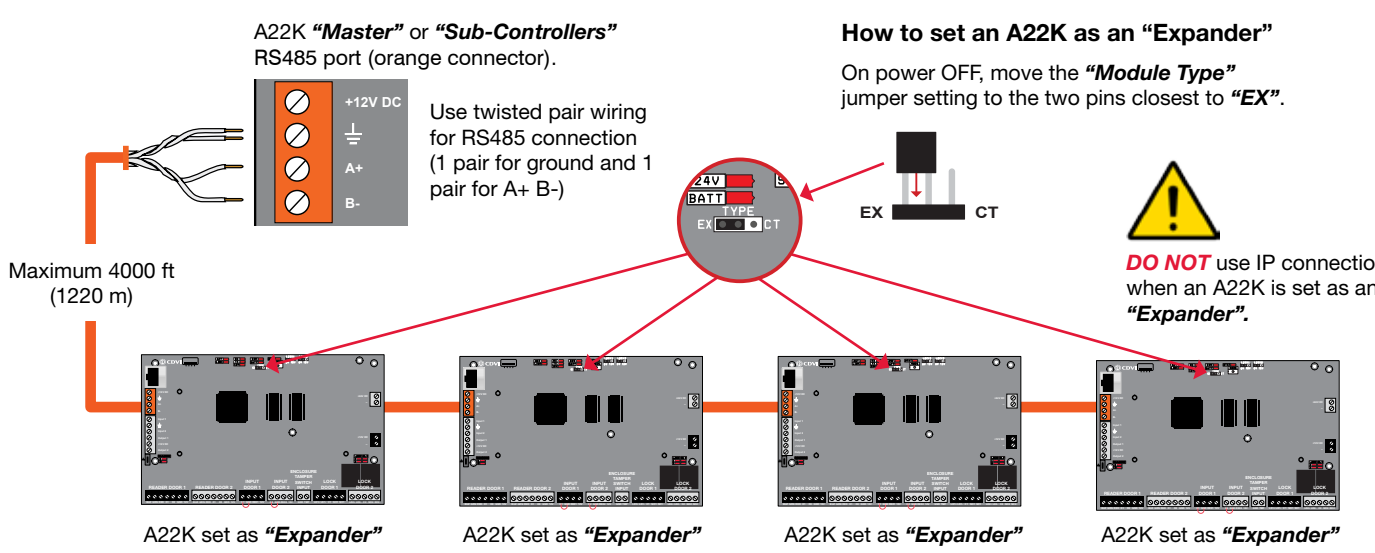
Out of the box the A22K is ready for IP connectivity, fifty (50) A22K per account.

If you have more than one A22K controller per account, one must be set as the "Master" controller to manage the others. These forty-nine (49) others are defined as "Sub-Controllers".



### RS485 CONNECTIVITY

An A22K can be set as an "Expander". Up to four (4) can be connected to the RS485 network (orange connector) of the "Master" and each "Sub-Controller".



# ATRIUM ACCESS CONTROL

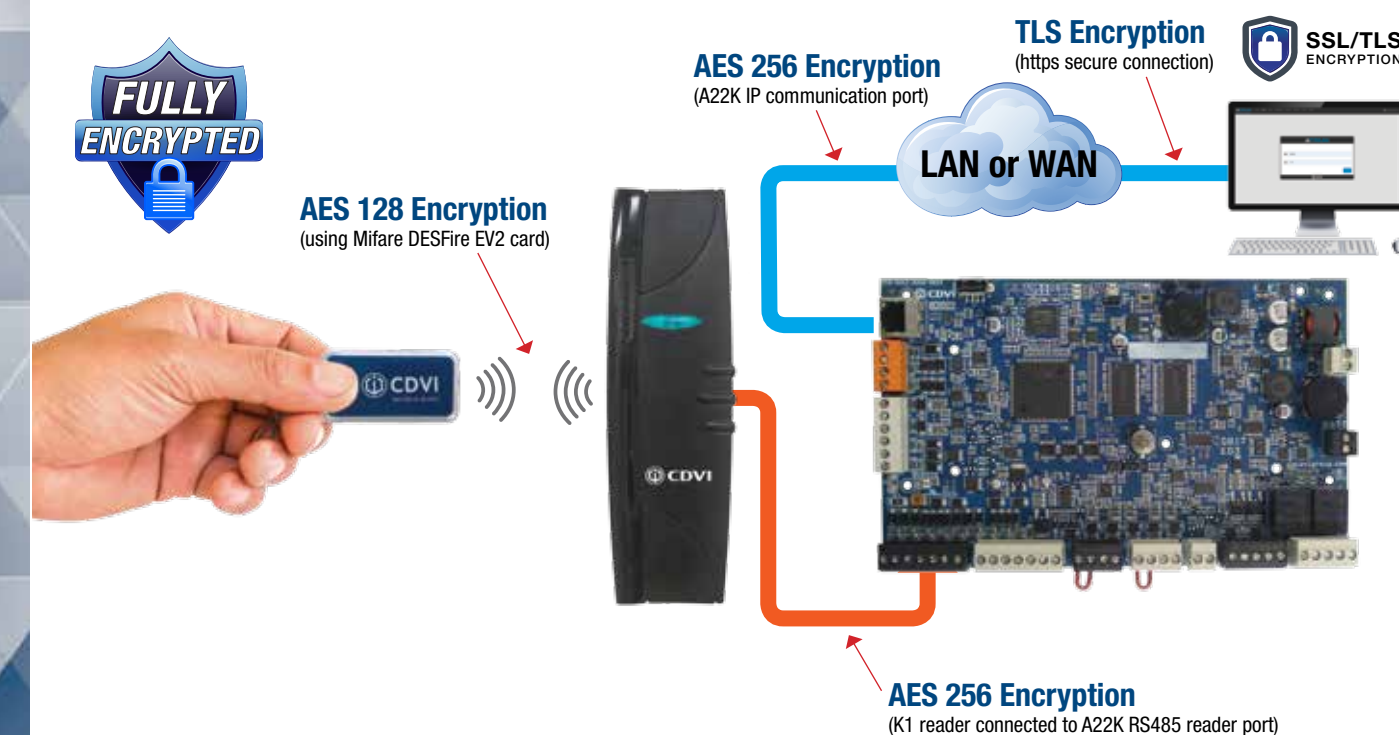
## KRYPTO HIGH SECURITY SOLUTION

### INSTANT HIGH SECURITY OUT OF THE BOX



# KRYPTO HIGH SECURITY SOLUTION

Say "NO" to card cloning with ATRIUM's unique KRYPTO high security solution. Eliminate complex and arduous programming using the ATRIUM A22K controller, CDVI Mifare DesFire EV2 credentials and K1 readers. System-wide AES encryption stops card cloning and provides end-to-end security. Whether you remote in from the internet or connect on your network you can be sure KRYPTO has you covered.



### EXCLUSIVELY WITH THE KRYPTO A22K CONTROLLER

#### AFPLAN

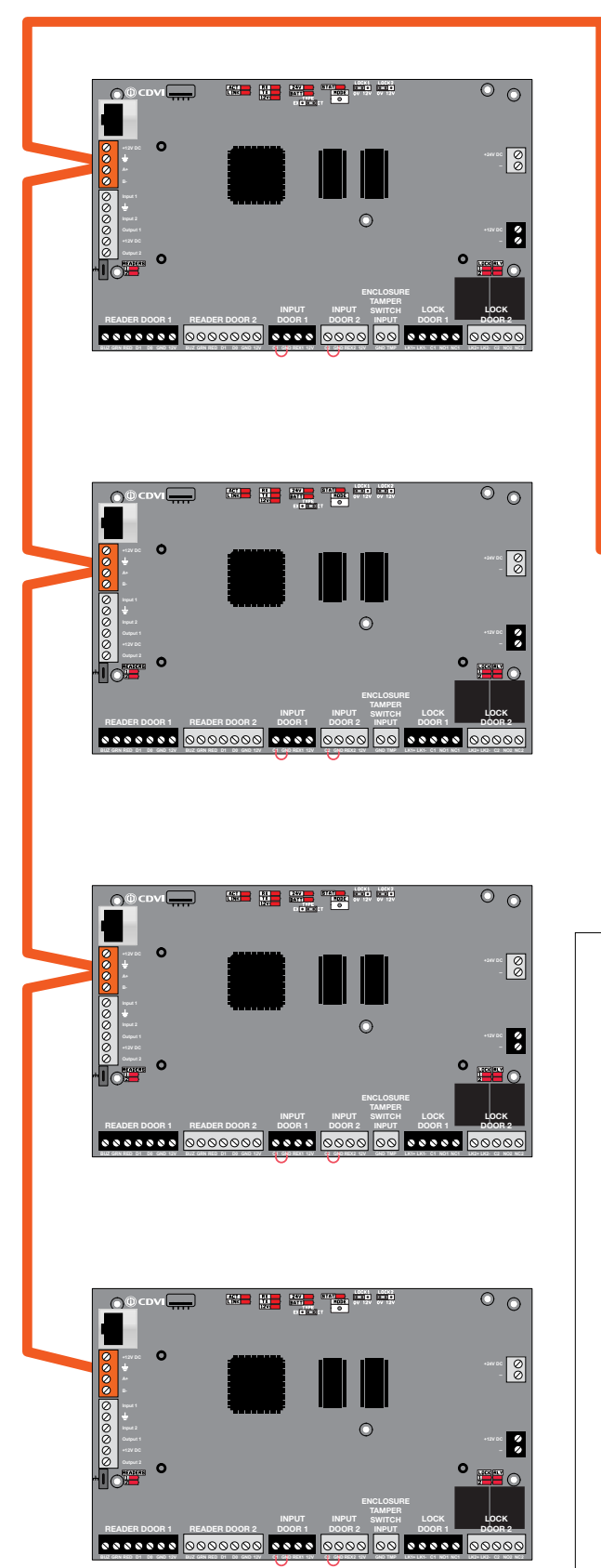
#### ATRIUM Floor Plan Manager License

- View door status on a floor plan in real time from any web browser (MAC or PC).
- Activate all door options in real time (locked, unlocked, access granted, etc.).
- Easy to configure (click & drag).
- Supports .jpg or .png file (1Mb max.).
- One Floor Plan Manager per site.

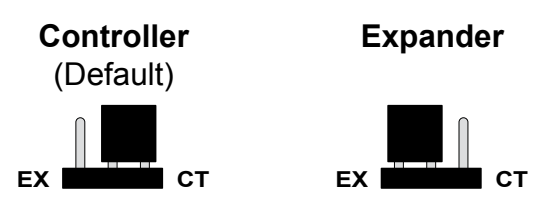


### RS485 BUS

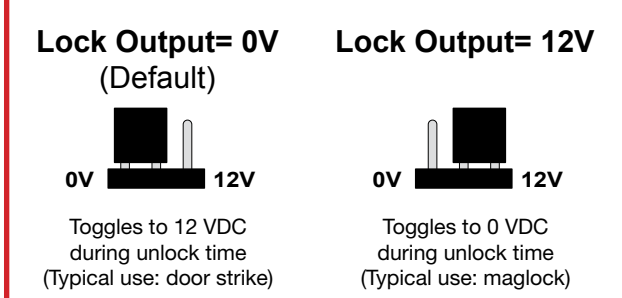
Connect up to four A22K set as "Expanders" on the RS485 bus, max. distance 4000 ft (1220 m). Do NOT connect A22K set as "Expander" to IP port.



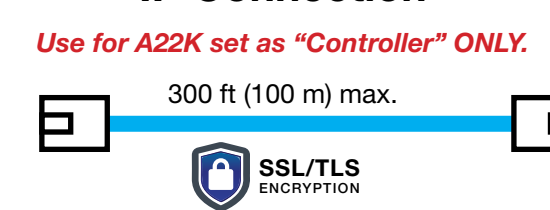
### Module Type Jumper Settings



### Lock Output Jumper Settings



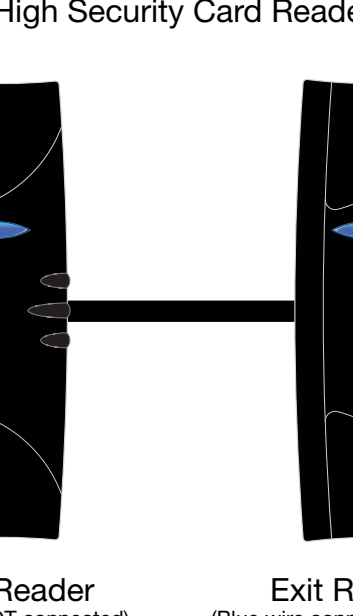
### IP Connection



### Extra Inputs & Outputs

2 inputs (4 using zone doubling) and 2 outputs

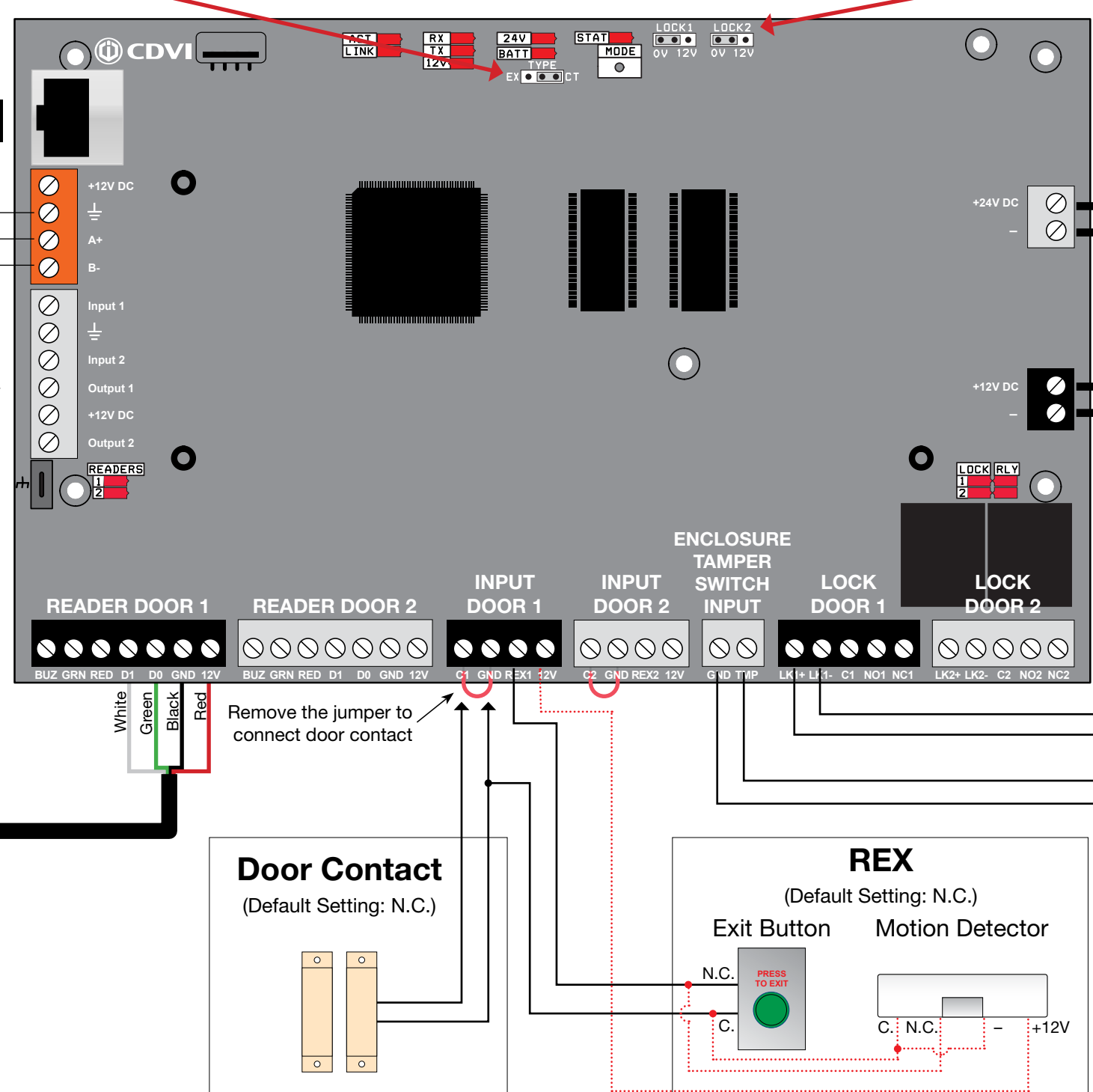
### K1 High Security Card Reader



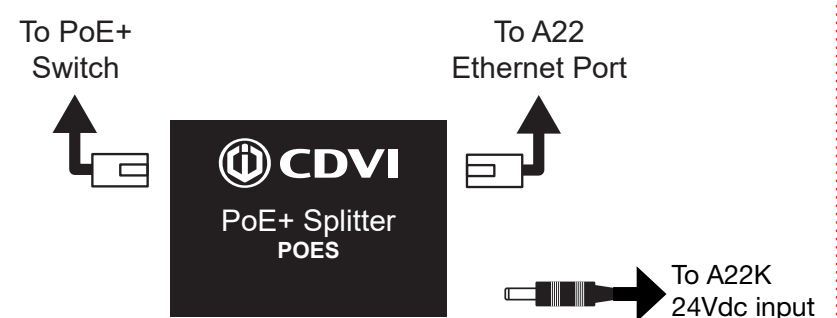
# ATRIUM ACCESS CONTROL

## A22K

2-DOOR / 4-READER FULLY ENCRYPTED IP CONTROLLER



### Optional PoE+ module available (A22KPOE)



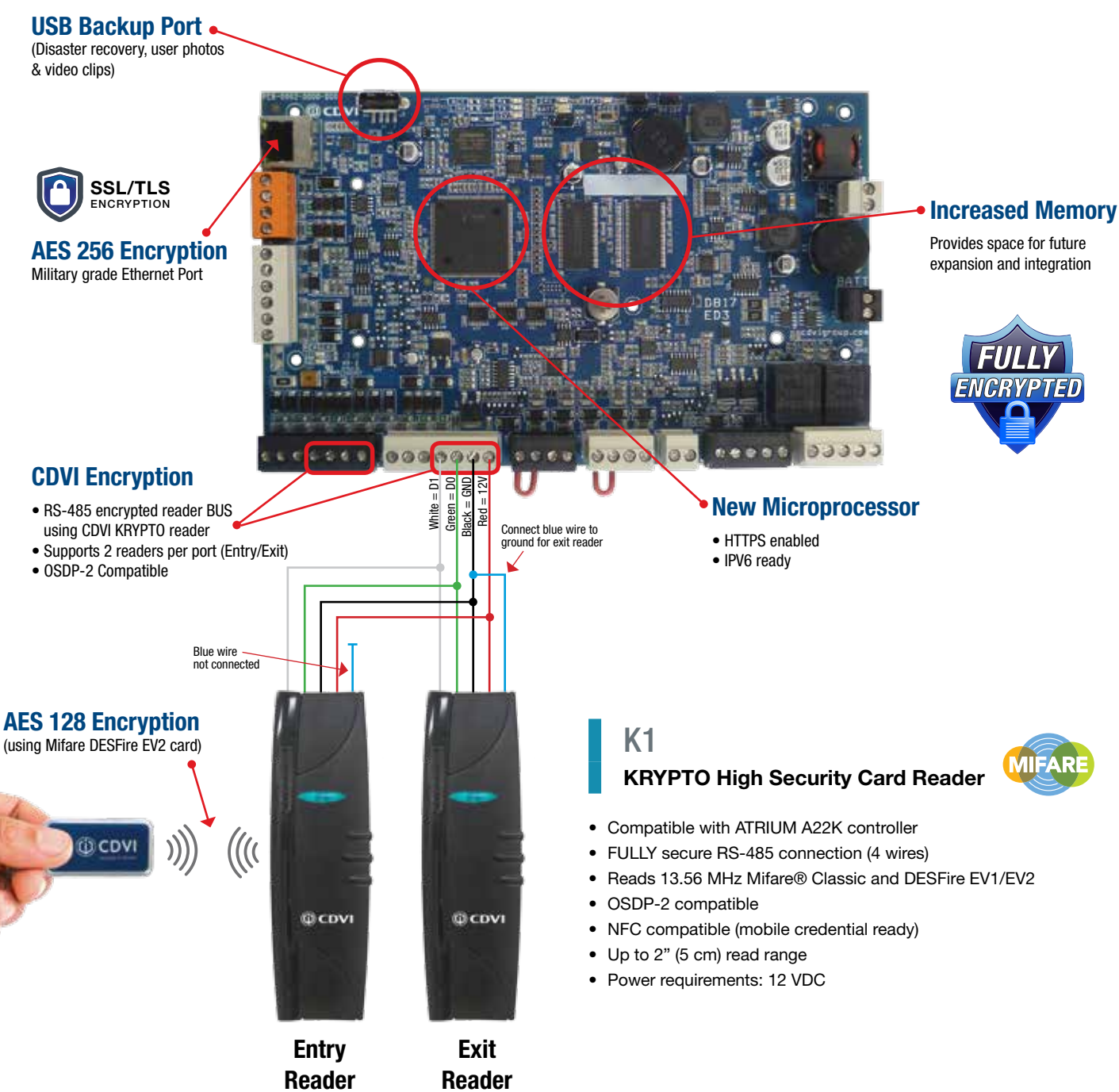
**Note:** Illustrated below are the corresponding wire connections for Door #1. Door #2 is configured the same way.

# ATRIUM ACCESS CONTROL

## WHAT'S NEW

### A22K

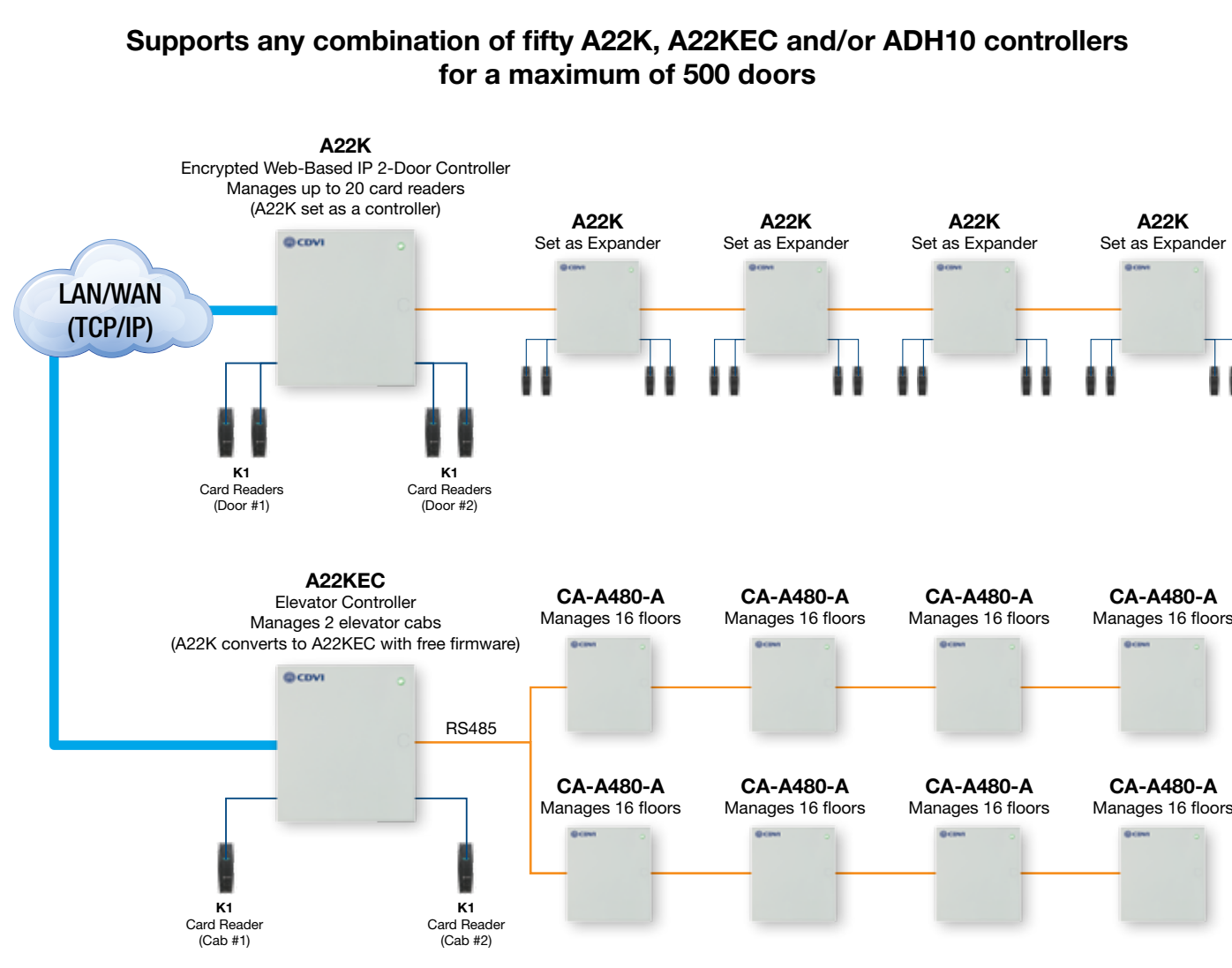
2-DOOR / 4-READER FULLY ENCRYPTED IP CONTROLLER



# ATRIUM ACCESS CONTROL

## SYSTEM OVERVIEW

### KRYPTO HIGH SECURITY SOLUTION



# ATRIUM ACCESS CONTROL

## KRYPTO HIGH SECURITY KITS

### A22K1

2-Door Reader Kit

- 1 x A22K controller
  - Pre-assembled power supply
  - Embedded secure HTTPS Web server
  - Supplies 750 mA @ 12 VDC per lock output (external power supply not required)
  - 2 additional onboard Form C relays (5 A @ 250 VAC, 7 A @ 125 VAC, 7A @ 30 VDC)
- 2 x K1 high security readers
- 1 x pack of 25 TAG-EV2 DESFire credentials
- FREE software



### A22K1DS

2-Door Reader and Door Strike Kit

- 1 x A22K controller
  - Pre-assembled power supply
  - Embedded secure HTTPS Web server
  - Supplies 750 mA @ 12 VDC per lock output (external power supply not required)
  - 2 additional onboard Form C relays (5 A @ 250 VAC, 7 A @ 125 VAC, 7A @ 30 VDC)
- 2 x K1 high security readers
- 2 x door strikes (ROFU 2400KIT)
- 1 x pack of 25 TAG-EV2 DESFire credentials
- FREE software



All the specifications on this document (photos, drawing, features and dimensions) could be changed without prior notice. CDVI\_A22K\_CP\_01\_EN\_25.5x33\_CMYK - Printed in Canada, January 2020