



1. **Network Connection:** Wiring contractor to install (1) x Cat5/Cat6 from each door phone location directly to Router if under 328'. If wire distance exceeds 328' to router, connect Door phone to Network Switch (328' max) and Network Switch to Router (328' max).
2. **Electrical Power:** The power interface of door phone is directly connected to 12V 2.5A power supply. Or connect the POE interface of door phone to POE+ switch, providing both electrical power and network.
3. **Uninterruptible Power Supply:** To prevent voltage drops and surges, Akuvox door phone can be installed with a UPS device. Tips: X916 power consumption is 12V2.5A; UPS minimum spaces is 600 VA/600 W.
4. **Exit Button:** Install (1)x 20 AWG from each door phone input interface to exit button. When the signal is sent through the input interface, door phone confirms to unlock the door.
5. **Door strike:** Strongly suggest all door strike wiring to be home-run directly to relay interface.

Tips:

NC – COM if your Door Strike type is unlocked when power off and locked when power on.

NO – COM if your Door Strike type is unlocked when power on and locked when power off.

Frequently Asked Questions Guide (FAQ):

Q: What is the maximum network cable distance can Akvuox intercom support?

A: 100m/328feet.

Q: How many amps can the X916 relays handle?

A: 3A 30VDC / 0.5A 125VAC

Q: What is the Power consumption of X916?

			X916
A:	STANDBY (W)	FULL LOAD (W)	

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