Cabinet Control Unit (CCU)
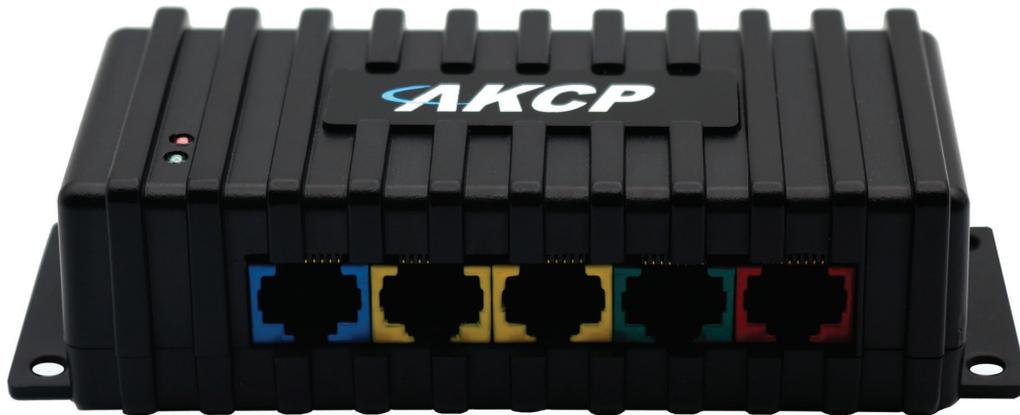
Cabinet Access Controller

The CCU is a compact door access controller. Working on our Expansion Technology, it connects to the Expansion port of any SEC5E, DCU or SPX+, providing a cost effective way to add access control to your facility and monitoring in a single platform together with your environmental sensors. The CCU can be used on any doors, and also computer cabinets, or other types of cabinets where the swing handle lock can not be installed, or an electromagnetic type lock is preferred.

Technical Specification

Dimension	Size : 13.20 cm x 5.38 cm x 3.40 cm Weight : 0.15 Kg
Expansion Port	2x RJ-45 Expansion Ports 115.2K bps Data Transfer Rate
Mounting	Rack mount brackets included Compatible with AKCP's DIN and rack mount trays
Power	External 12 VDC >=1A Power Adapter Input Voltage and Current ratings : 100V~240V - 1A Typical 6 Watt, 0.5 A
Status Indication	LED indication for power LED for Expansion port connectivity
Components	Manufactured using highly integrated,low power surface mount technology to ensure long term reliability.
Operating Environment	Temp : Min. -35° C – Max. +55° C Humidity : Min. 20% – Max. 80% (Non-Condensing)
MTBF	400,000 Hours
Inputs	2x RJ-45 ports for connecting AKCP sensors 1x Wiegand RFID Reader 1x Door Lock Control. 1x RJ-45 expansion module input (E-in)
Outputs	1 RJ-45 expansion module output (E-out)
E-Modules	* Daisy chain multiple E-modules including E-sensor8 and E-opto16 combined * Uses standard RJ-45 connections and CAT5 LAN cable * Maximum extension cable run length: 300 meters (1000 feet) * Compatible with AKCPs complete line of intelligent sensors * Connect up to 500 AKCP sensors to one securityProbe5ES * Connect up to 150 AKCP sensors to one sensorProbe+ (up to 4 expension units)
Supported Lock Rating	The CCU can control a 12V Door Lock with a maximum current draw no greater than 500mA.
Important Note	Requires the AKCPro Server for Access Control and Sensor Port configurations

CCU - Wiring Diagram
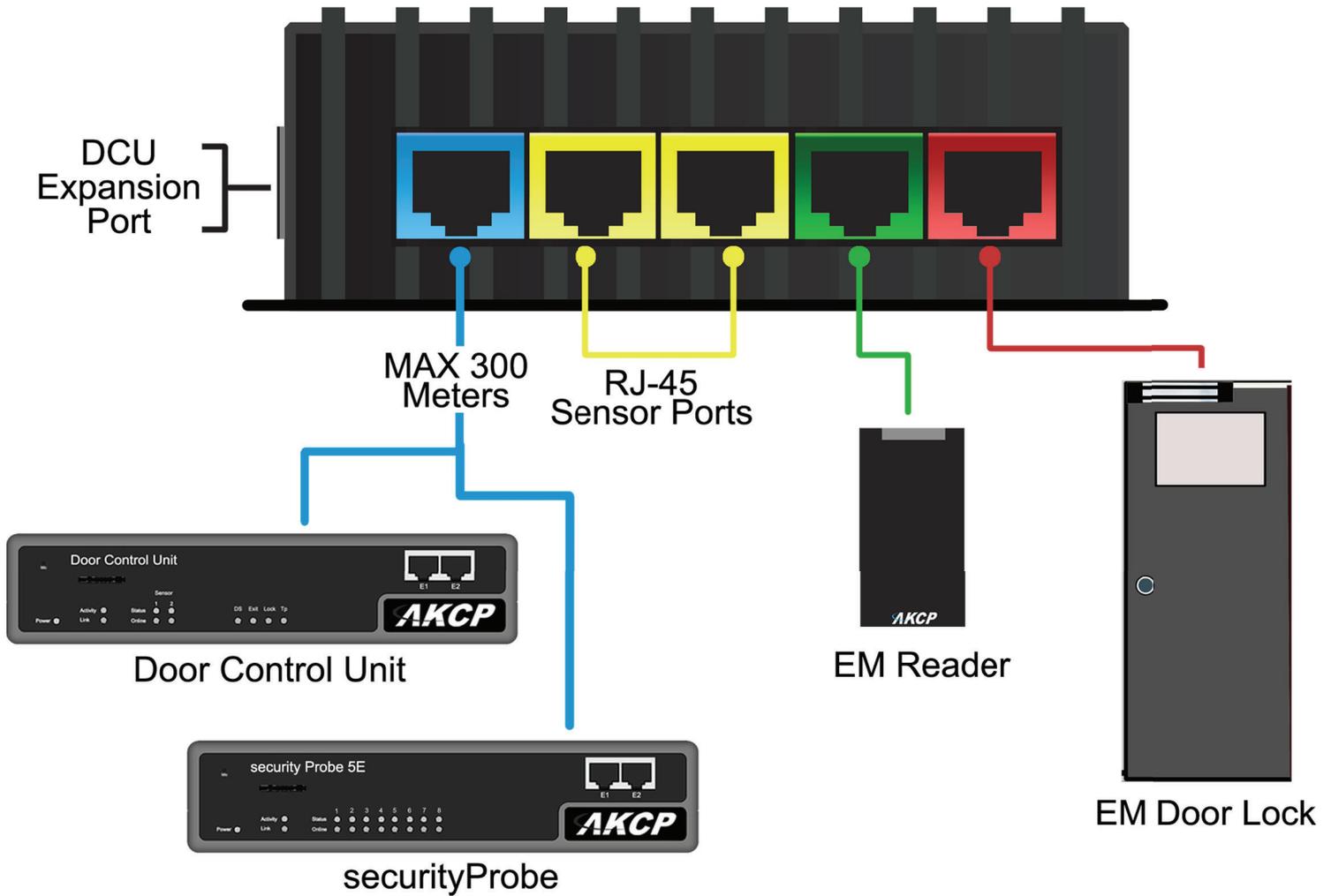
The CCU can be connected to the Expansion port on either the SEC5E, DCU or SPX+

CCU - Technical Drawing

114.6mm

49.3mm

42mm

54mm

34mm

132mm