

SMART ACCESS CONTROLLER PANEL CAPXAP

SECTION 28 13 00

KEY FEATURES

UNIT INTERFACE CAPABILITIES

Card/transmitter/RFID tag

SCHEDULING CAPABILITIES

Yes



SPECIFICATIONS

DATA CONNECTIVITY

Wi-Fi®/Ethernet/Cellular via many 3rd party modems in the market

VOICE COMMUNICATION

None

POWER SUPPLY

24VDC

LOCAL PROGRAMMING

Yes via Wi-Fi® hotspot enabled local configuration page

REMOTE PROGRAMMING (DATABASE MANAGEMENT)

Yes, via myQ® cloud platform

REALTIME EVENT MONITORING (EMAIL NOTIFICATIONS)

Yes

SOFTWARE

myQ® Web Portal

OSDP INPUT

4

WIEGAND INPUT DATA FORMAT

26 bit, 30 bit, 36 bit (LiftMaster), 37 bit (HID), 37 bit (Transcore), 32 bit (Mifare) and 56 bit (LiftMaster Mobile Credentials)

LOCAL USER CAPACITY

50,000

EVENT HISTORY

50,000

MAX NUMBER OF GATES/DOORS OF CONTROL (EACH)

4, 8, 12, 16 by adding expansion boards (CAP4EXPND)

WIEGAND INPUT

2, 4, 6, 8 by adding expansion boards (CAP4EXPND)

RELAY OUTPUT

Up to 16 (8 primary, 8 auxiliary) OR up to 16 independent relays via Advanced Config I/O

MOUNTING OPTIONS

Surface

OPERATING TEMPERATURE

-4F to 122F (-20C to 50C)

WARRANTY

2 years

CONSTRUCTION

ENCLOSURE MATERIAL

Steel sheet metal

SMART ACCESS CONTROLLER PANEL CAPXAP

SECTION 28 13 00

DIMENSIONS



WIRE SPECIFICATIONS

DESCRIPTION OF WIRE RUN	WIRE SPECIFICATION	MAXIMUM RUN DISTANCE
Recommended OSDP Reader (Up to 4 OSDP reader can be daisy-chained)	22AWG. 2 twisted pairs (4 Conductor) Recommended gauge wire is 18-22 for OSDP. (one pair for PWR/GND) (one pair for D0/D1) Shielded cable is optional terminated with 100 Ohms at each end.	1000 feet (304.8 m)
Power Wire, 24V DC power supply	2-Conductor 14 AWG 2-Conductor 16 AWG 2-Conductor 18 AWG	Up to 300 feet (91.4 m) Up to 200 feet (60.9 m) Up to 100 feet (30.4 m)
Local Area Network (LAN) CAT 5e or better Network Cable	8-Conductor, 24 AWG Twisted pair	328 feet* (100 m)
Grounding the Chassis (use grounding lug in CAPXAP)	12 AWG Copper	12 feet (3.7 m)
Door Strike	2-Conductor 18-22 AWG Shielded	100 - 250 feet (30.5 - 76.2 m)
Magnetic Lock	2-Conductor 18-22 AWG	50 - 125 feet (15.2 - 38.1 m)
Dry Contact Closure (Most Gate Operators)	2-Conductor 18-24 AWG Shielded	500 - 2500 feet (152.4 - 762 m)
Exit Request (REX)	2-Conductor 18-24 AWG	500 feet (152.4 m)
Supervised Input	2-Conductor 18-24 AWG	500 feet (152.4 m)
Wiegand/Proximity Readers1 Wiegand output to Wiegand input (for daisy chaining multiple CAPXAPs)	7-Conductor 18-22 AWG Shielded	500 feet (152.4 m)