DWG NO	-	SH	-	REV	-

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
-	-	-	-	-

SECACC Termination and Configuration Using Access Control Readers

REV	-
SH	-
DWG NO	-

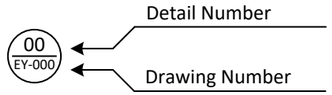
CONTRACT NO		Honeywell VINDICATOR TECHNOLOGIES, INC. 3019 Alvin Devane Blvd., Bldg 4, Suite 430 Austin TX 78741	
DWN BY: JOEY WEBB	CHK BY:	SECACC TERMINATION AND CONFIGURATION USING ACCESS CONTROL READERS	
DATE: 1/18/2021	SIZE: 17 X 11		
SCALE: Not to Scale	WEIGHT:	COVER SHEET	
FSCM NO:		DWG NO: EY-000	REV: 1.0 / SHEET: 1 OF 4

Vindicator Symbol Legend

DWG NO	-	SH	-	REV	-

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
-	-	-	-	-

- ACP Access Control Panel
- BMS Balanced Magnetic Switch
- M Ceiling Mount Motion Detector
- M Wall Mount Motion Detector
- M Exterior Wall Mount Motion Detector
- PCU Premise Control Unit
- R P ACS Card Reader w/ Pin Pad
- R ACS Card Reader w/out PIN Pad
- RTE Request To Exit Device
- S Signal Indicator Light
- S Piezo Siren
- VAC Vindicator Area Commander
- VSC VSC- Site Commander Keypad
- RACK Equipment Rack
- C Ceiling PTZ Dome Camera
- C Ceiling Fixed Dome Camera
- C Wall Mount PTZ Dome Camera
- C Wall Mount Fixed Dome Camera



DR = Door

DR # 123 Indicates Door Number

123 = Number

M = Motion

M # 123 Indicates Motion Number

123 = Number

D = Duress Button

D # 123 Indicates Duress Button Number

123 = Number

REV	1
SH	1
	1
DWG NO	

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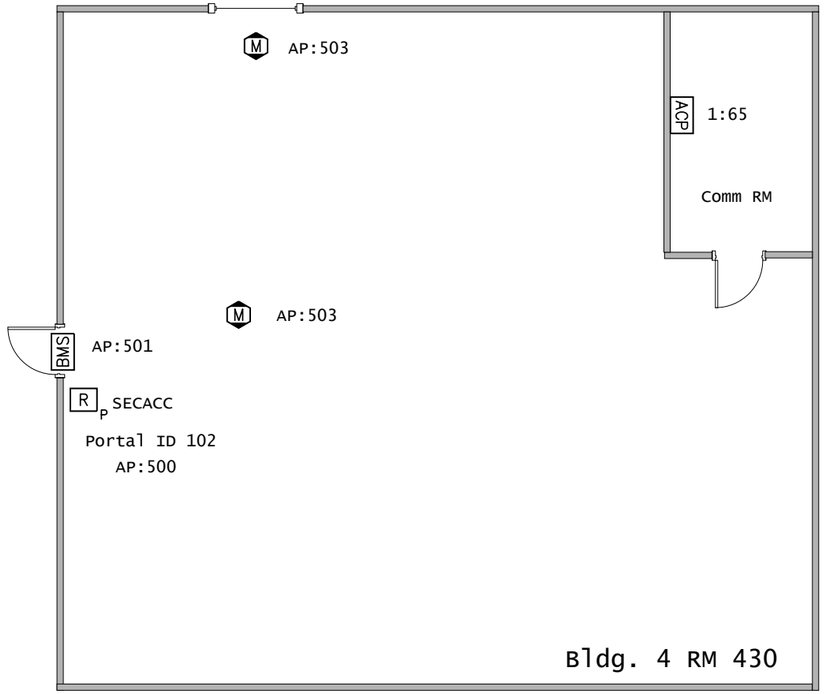
DWN BY: JOEY WEBB	CHK BY:	SECACC TERMINATION AND CONFIGURATION USING ACCESS CONTROL READERS		
DATE: 1/18/2021	SIZE: 11 X 17			
SCALE: Not to Scale	WEIGHT:	VINDICATOR SYMBOL LEGEND		
FSCM NO:		DWG NO: EY-001	REV: 1.0	SHEET: 2 OF 4

DWG NO	SH	REV
-	-	-

REVISIONS

ZONE	REV	DESCRIPTION	DATE	APPROVED
-	-	-	-	-

Bldg.4 RM.430 Device Layout



Secure Area example using HID Card Reader for SECACC.
For this example the alarm point range will be 500 - 515.
AP-500 - SECACC.
AP-501 - B-4 RM. 430 Main Entry Dr. BMS. (Alarm)
AP-502 - B-4 RM. 430 Main Entry Dr. (Tamper)
AP-503 - B-4 RM. 430 Main Entry Dr. PIR (Alarm)
AP-504 - B-4 RM. 430 Main Entry Dr. PIR, (Tamper)
AP-505 - B-4 RM. 430 North PIR (Alarm)
AP-506 - B-4 RM. 430 North PIR, (Tamper)
AP-507 - B-4 RM. 430 SECACC Reader (Tamper)
AP-508
AP-509
AP-510 - B-4 RM. 430 SECACC (Tamper)
AP-511 - B-4 RM. 430 ACP (Tamper)
AP-512 - B-4 RM. 430 PCU (Tamper)
AP-513 - B-4 RM. 430 Low Battery
AP-514 - B-4 RM. 430 AC Fail

Required Equipment:
1 - V5 ACS (1401) with Enclosure and Power Supply.
2 - Sensor Input Module.
1 - MR-50.
1 - HID 5355 Reader.

SECACC using ACS reader configuration:
Configure the device and alarm point as per site requirements.

Configure AP #500 as shown in the Group Access Alarm Point 500 Example.
Options highlight in yellow must be set per the example.

Configure Portal as shown in the Portal 102 Example.
For the most part this would be a standard portal configuration with one exception, A-side and B-side location will be the same, (the location where the SECACC Portal is located)

Configure Entry and Location Rules the same as any others.

Alarm Point 500 Sourcing:
From the Source to Point or Point to Source table select for this example we will use Point to Source:
Select F4, Alarm Point = 500, Source = Portal, Portal = 102, Portal Event = Access Granted, Enter, F6 to save.

Need to Configure Control Rules and Wire the Reader for proper LED Color to Illuminated.
RED = Secure, Green = Access.

Create a new Control Rule:
From the Control Rule table select the last control rule if any existing, F5 to Add after, Subject = Point Status, Invert = No, Comb with Preb = Don't Care, Alarm Point = (this would be the AP# of the Group Access,(for the example we are using 500), Alarm = Don't Care, Access = Don't Care,
Full Comfail = Don't Care, Part Comfail = Don't Care, Sensor Active = True, Unacknowledged = Don't Care, Test Fail = Don't Care, Tamper = Don't Care, Trouble = Don't Care, Late = Don't Care, Tour Early = Don't Care,
Tour Next = Don't Care, Enter, F6 to save.
The Rule above is the first step, now we need to create a control rule to control a relay when Point 500 is active.
From the Control rule table select the rule just created, F5 add after, Subject = Relay Output, Invert = No, Last Statement = Yes,
Result = Combinatorial, Output Device = Network, Major Address =(Net of the device for the relay), Minor Address = (Device address for the relay),
Relay Module = (Module location) (A,B,C,D,E or F), for this example A
Relay = (Relay used 1,2,3 or 4) for this example 1.

For Wiring Termination see Drawing EY-003.

Group Access Alarm Point 500 Example

Alarm Point	: 500	Point Type	: Group Access
Has Graphic	: No	Base Priority	: 100
Has Video	: No		
Descriptor	: SECACC		
Operator Disable	: Not Allowed		
Sens Polarity	: Alarm = Access		
Target Points	: Number Range		
Event Toggles	: Yes		
Occupied Time	: 0		
Timebase	: Seconds		
Exit Delay	: 30		
Timebase	: Seconds		
Access Depth	: 5		
Location ID	: Bldg. 4 RM 430		

PORTALS 102 Example

Portal	: 102	Norman A->B Mode	: Card+PIN
PortalName	: Bldg. 4 RM. 430 SECACC	Override A->B	: Normal Mode
Type	: Level II A->B	Current A->B Mode	: Card+PIN
Barrier Type	: Single/None		
Visitor First	: No		
A-side Location	: Bldg. 4 RM 430 SECACC		
B-side Location	: Bldg. 4 RM 430 SECACC		
ACSYS Net	: 1		
ACSYS Dev	: 65		
Exit Path	: No Exit		
Transaction (hrs)	: 0		
Transaction (min)	: 0		
Transaction (sec)	: 20		
Max Retries	: 3		

Alarm Points	Source	Net	Dev	Module	Input
501	Network	1	65	A	01

Add new Entry at

Alarm Point	:	901
Source	:	Portal
Portal	:	901
Portal Event	:	Access Granted

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DATE: 1/18/2021	SIZE: 17 X 11		
SCALE: Not to Scale	WEIGHT:		
FSCM NO:		DWG NO: EY-002	REV: 1.0 / SHEET: 3 OF 4

DWG NO	SH	REV
-	-	-

REVISIONS

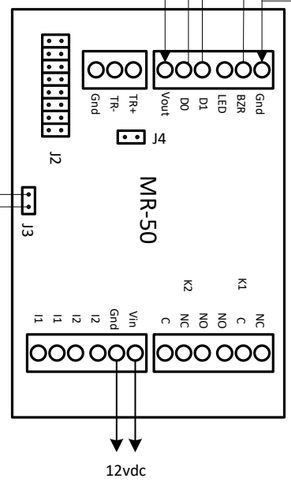
ZONE	REV	DESCRIPTION	DATE	APPROVED
-	-	-	-	-

HID Reader

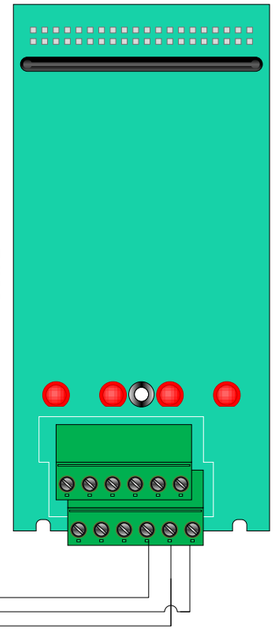
Cable:
8 Conductor, 22AWG, Stranded

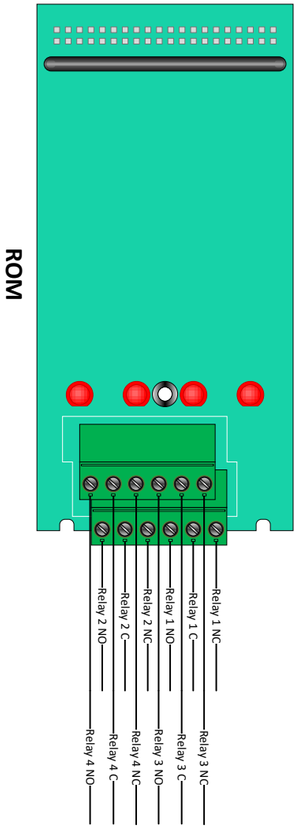
12vdc

DC+ (Red)
Gnd (Black)
Data0/Data (Green)
Data1/Clock (White)
Return (Violet)
Grn LED (Orange)
Red LED (Brown)
Beeper (Yellow)
Hold/Card Present (Blue)
Tamper Common
Tamper Select



12vdc





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DWN BY: JOEY WEBB	CHK BY:
DATE: 1/18/2021	SIZE: 17 X 11
SCALE: Not to Scale	WEIGHT:
FSCM NO:	

Honeywell
VINDICATOR TECHNOLOGIES, INC.
3019 Alvin Devane Blvd., Bldg 4, Suite 430 Austin TX 78741

SECACC TERMINATION AND CONFIGURATION USING ACCESS CONTROL READERS

WIRE AND TERMINATION DETAIL

DWG NO	REV	SHEET
EY-003	1.0	4 OF 4