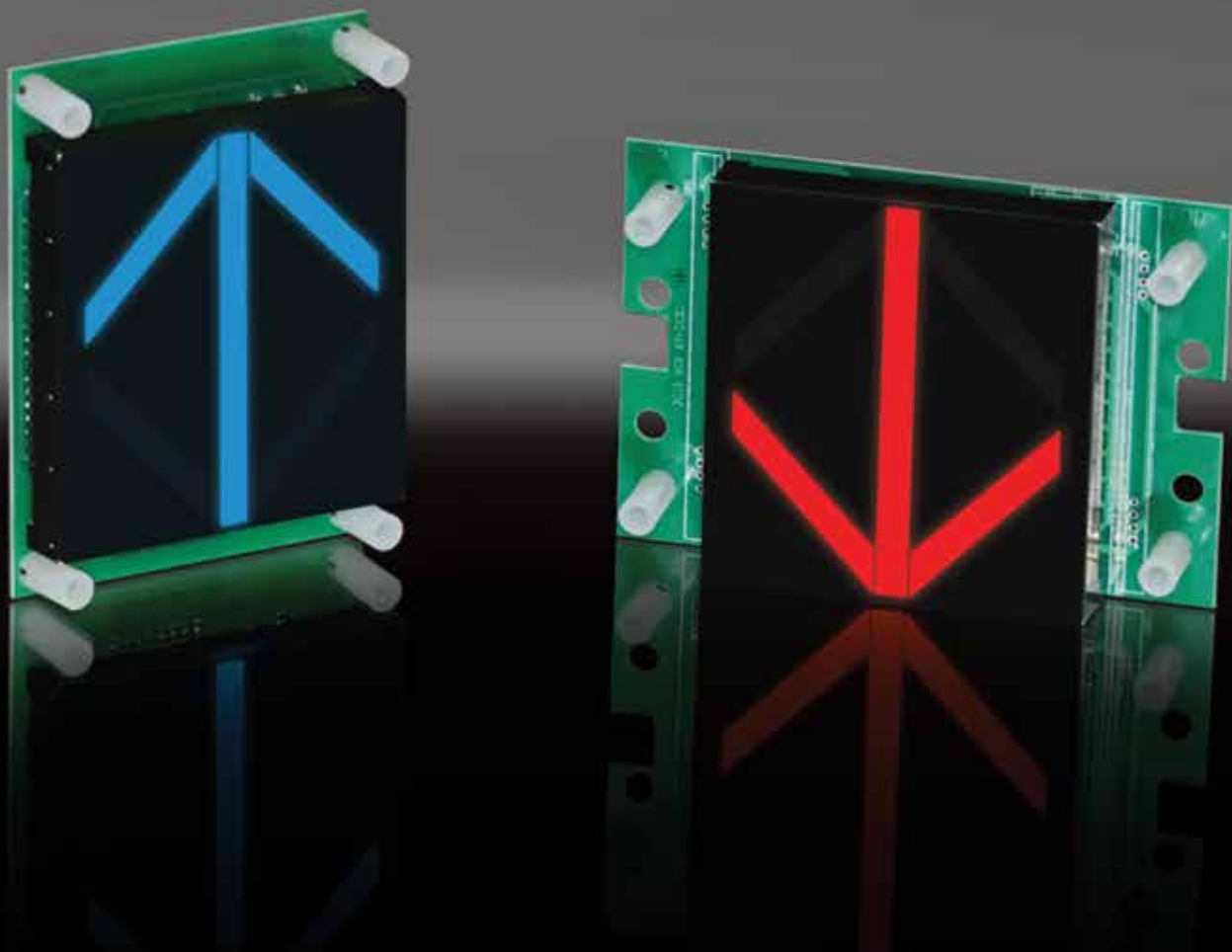


# > SA130-XXXXX

3.0" LED ARROW



## A . D . A

3.0" LED ARROW

Long life, solid state bi-color, blue or white arrows for lanterns.

### TYPICAL APPLICATIONS:

- > Hall and car lanterns

### FEATURES:

- > Ultra-thin packaging
- > Bi-color, red down / green up or solid blue, solid white
- > Fast 3-wire hookup
- > Conforms to ADAAG 4,10.4
- > Jamb mountable (Verticle style only)

### SNAP IN VIEW:



**C.E. Electronics, Inc. (US)** 2107 Industrial Drive, Bryan, Ohio 43506 p: 419.636.6705 [www.cееlectronics.com](http://www.cееlectronics.com)

**C.E. Electronics, Ltd. (UK)** P.O. Box 1679 Marlow, Bucks SL7 3ZG, UK p: +44 (0) 1628 487633 [www.cееlectronics.co.uk](http://www.cееlectronics.co.uk)

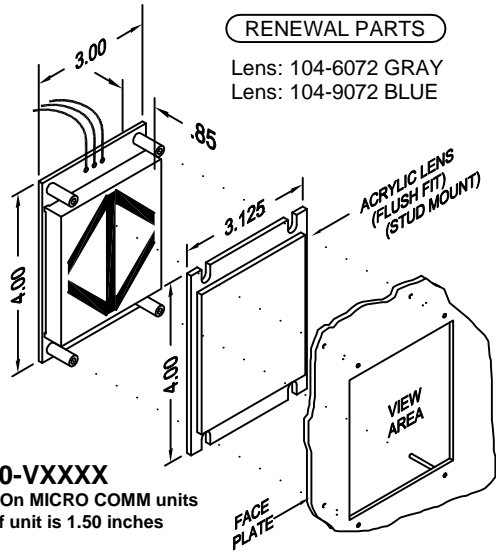


C.E. Electronics, Inc.  
 2107 Industrial Drive  
 Bryan, OH 43506  
 PH (419) 636-6705 FX (419) 636-2516  
 www.ceelectronics.com

# SA130-XXXXX

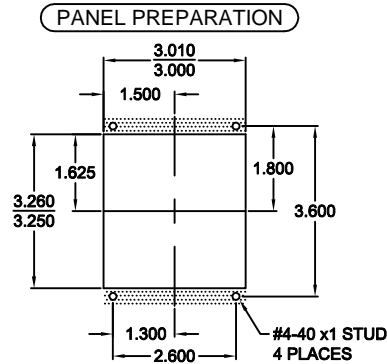
Ver. 13 Rel. 10/25/2016

A.D.A.



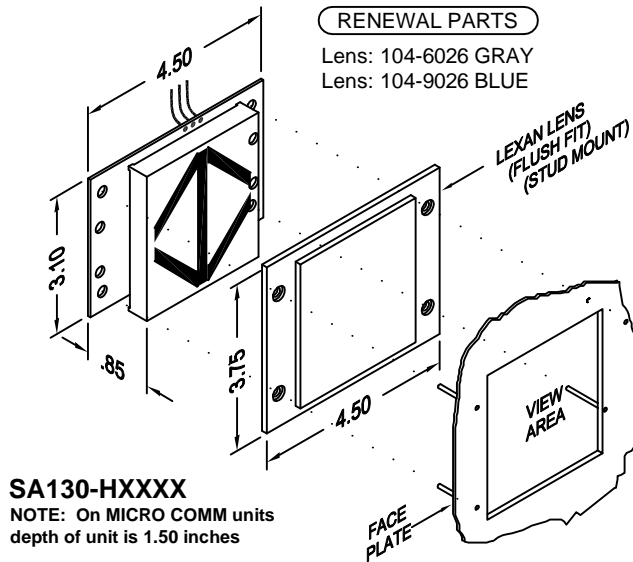
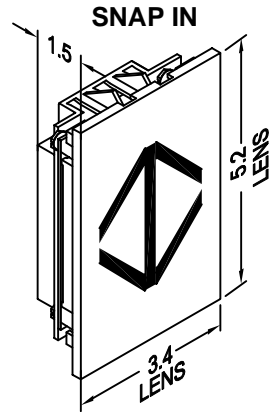
## SA130-VXXXX

NOTE: On MICRO COMM units depth of unit is 1.50 inches



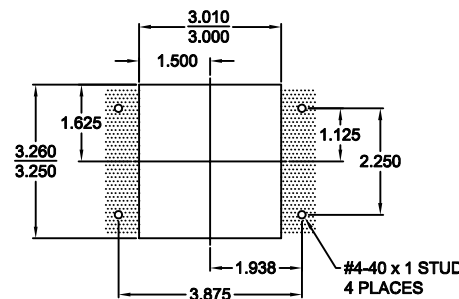
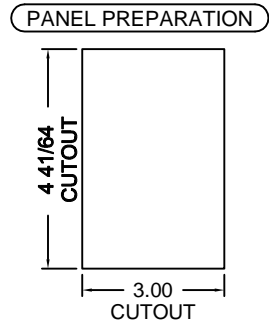
## SA130-VXXXX

**RENEWAL PARTS**  
 Lens: 104-6029 GRAY



## SA130-HXXXX

NOTE: On MICRO COMM units depth of unit is 1.50 inches



## SA130-HXXXX

### 3.0 INCH LED ARROW

Long life, solid state bi-color, blue or white arrows for lanterns.

#### Typical applications:

- Hall or car lanterns.

#### Features:

- Ultra-thin packaging
- Bi-color, red down/green up or solid blue, solid white
- Fast 3-wire hookup
- Conforms to ADAAG 4.10.4
- Jamb mountable (Vertical style only)

**TO ORDER**

SPECIFY SA130 - X X X X X

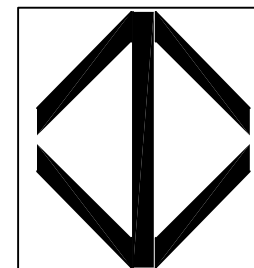
ORIENTATION:  
 "H" = HORIZONTAL  
 "V" = VERTICAL

COLOR:  
 "<blank>" = Bi-Color  
 "B" = Blue \*\*\*  
 "W" = White

SIGNAL VOLTAGE:  
 "M" = MICRO COMM  
 "Z" = 20-120VAC/DC

LENS:  
 "G" = GRAY  
 "B" = BLUE  
 "S" = SNAP IN - vertical only  
 "X" = NO SELECTION

SIGNAL FORMAT:  
 "A" = ARRIVAL \*  
 "T" = TRAVEL \*  
 "X" = NO SELECTION \*\*



3 INCH ARROW

NOTE:  
 for special voltage please consult factory.

\* MICRO COMM APPLICATIONS  
 \*\* NON - MICRO COMM APPLICATIONS  
 \*\*\* MICRO COMM OR 20-120 VAC/DC ONLY

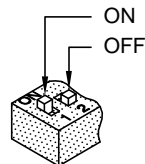
# SA130-VMXX

JOB# \_\_\_\_\_

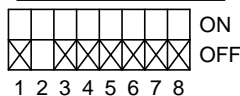
## FLOOR ADDRESS CHART

TO DISPLAY THE ARRIVAL LANTERN AT THE CORRECT FLOOR LEVEL, SET THE DIP SWITCHES AS FOLLOWS (0=OFF, 1=ON)

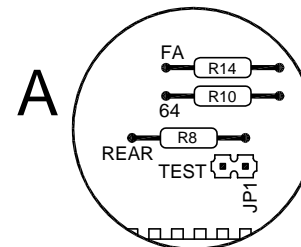
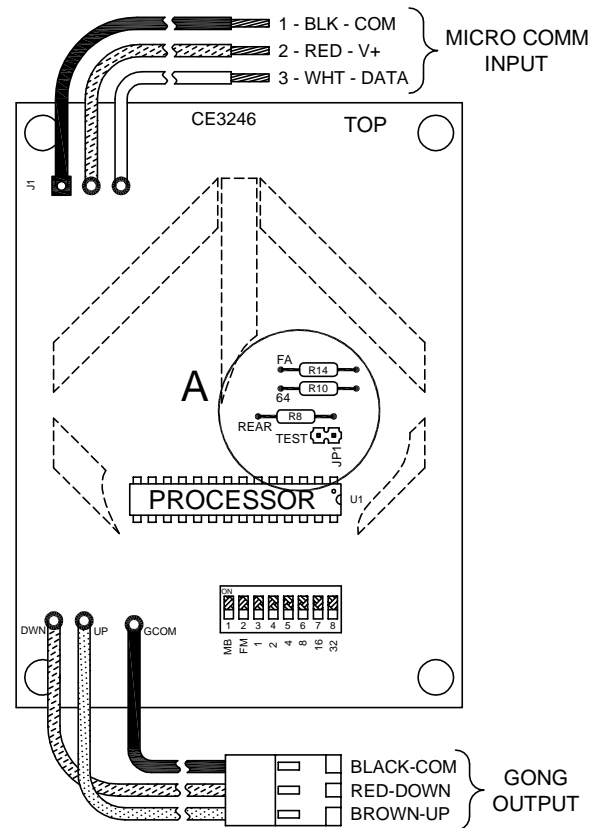
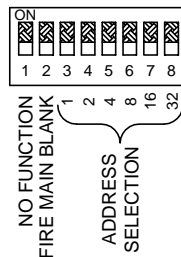
DS8	DS7	DS6	DS5	DS4	DS3	FLOOR	DS8	DS7	DS6	DS5	DS4	DS3	FLOOR
0	0	0	0	0	0	TRAVEL (#0)	1	0	0	0	0	0	FLOOR #32
0	0	0	0	0	1	FLOOR #1	1	0	0	0	0	1	FLOOR #33
0	0	0	0	0	1	FLOOR #2	1	0	0	0	1	0	FLOOR #34
0	0	0	0	1	1	FLOOR #3	1	0	0	0	1	1	FLOOR #35
0	0	0	1	0	0	FLOOR #4	1	0	0	1	0	0	FLOOR #36
0	0	0	1	0	1	FLOOR #5	1	0	0	1	0	1	FLOOR #37
0	0	0	1	1	0	FLOOR #6	1	0	0	1	1	0	FLOOR #38
0	0	0	1	1	1	FLOOR #7	1	0	0	1	1	1	FLOOR #39
0	0	1	0	0	0	FLOOR #8	1	0	1	0	0	0	FLOOR #40
0	0	1	0	0	1	FLOOR #9	1	0	1	0	0	1	FLOOR #41
0	0	1	0	1	0	FLOOR #10	1	0	1	0	1	0	FLOOR #42
0	0	1	0	1	1	FLOOR #11	1	0	1	0	1	1	FLOOR #43
0	0	1	1	0	0	FLOOR #12	1	0	1	1	0	0	FLOOR #44
0	0	1	1	0	1	FLOOR #13	1	0	1	1	0	1	FLOOR #45
0	0	1	1	1	0	FLOOR #14	1	0	1	1	1	0	FLOOR #46
0	0	1	1	1	1	FLOOR #15	1	0	1	1	1	1	FLOOR #47
0	1	0	0	0	0	FLOOR #16	1	1	0	0	0	0	FLOOR #48
0	1	0	0	0	1	FLOOR #17	1	1	0	0	0	1	FLOOR #49
0	1	0	0	1	0	FLOOR #18	1	1	0	0	1	0	FLOOR #50
0	1	0	0	1	1	FLOOR #19	1	1	0	0	1	1	FLOOR #51
0	1	0	1	0	0	FLOOR #20	1	1	0	1	0	0	FLOOR #52
0	1	0	1	0	1	FLOOR #21	1	1	0	1	0	1	FLOOR #53
0	1	0	1	1	0	FLOOR #22	1	1	0	1	1	0	FLOOR #54
0	1	0	1	1	1	FLOOR #23	1	1	0	1	1	1	FLOOR #55
0	1	1	0	0	0	FLOOR #24	1	1	1	0	0	0	FLOOR #56
0	1	1	0	0	1	FLOOR #25	1	1	1	0	0	1	FLOOR #57
0	1	1	0	1	0	FLOOR #26	1	1	1	0	1	0	FLOOR #58
0	1	1	0	1	1	FLOOR #27	1	1	1	0	1	1	FLOOR #59
0	1	1	1	0	0	FLOOR #28	1	1	1	1	0	0	FLOOR #60
0	1	1	1	0	1	FLOOR #29	1	1	1	1	0	1	FLOOR #61
0	1	1	1	1	0	FLOOR #30	1	1	1	1	1	0	FLOOR #62
0	1	1	1	1	1	FLOOR #31	1	1	1	1	1	1	FLOOR #63



### DEFAULT SETTINGS



### DIP SWITCH DETAIL



To self-test the unit, short the two pins of JP1 (TEST) together and release. Short the two pins again to exit self-test.

The Micro Comm driver must be programmed to send messages with the level required to activate the features listed below.

To blank the display during a fire alternate (level two) message, remove resistor R14 (FA) from the board.

To blank the display during a fire main (level three) message, turn on DIP switch 2 (FM).

To operate the display as a hall (arrival) lantern, use the chart above to set the DIP switch to the desired floor. For floors above floor 63, remove resistor R10 (64) from the board, subtract 64 from the desired floor number, and use the chart to set the DIP switch for the resulting floor number. For example, to set the unit for floor 75, remove resistor R10 and set the DIP switches for floor 11 (75 - 64 = 11). NOTE: The Micro Comm driver must be set up to send arrival information.

To operate the display as an in-car lantern using travel signals, the unit must have resistor R10 (64) installed and DIP switches 3-8 turned off.

To operate the display as an in-car lantern using arrival signals, the unit must have resistor R10 (64) removed and DIP switches 3-8 turned on.

To operate the display as a rear lantern, remove resistor R8 (REAR) from the board. NOTE: The Micro Comm driver must be sending the MC2000 data stream to use this feature. Call Tech Support at 419-636-6705 for more information.

CODE VERSION \_\_\_\_\_

BOARD VERSION CE3246 \_\_\_\_\_

NOTE: MUST BE USED WITH A CLASS 2 POWER SUPPLY.

DATE DRAWN: 10/28/03	DRAWN BY: D.A.C., K.L.S.	REQUESTED BY: D.C.	 C.E. ELECTRONICS, INC. 2107 Industrial Drive Bryan, Ohio 43006 (419) 636-6705
BOARD NUMBER: 3246	LAST DATE REVISED: 10/11/07	APPROVED BY:	
PRODUCT SA130-VM 3" VERTICAL MC ARROW			
DWG. NO. SA130001			REV. D

# SA130-VMXX

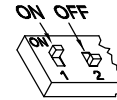
JOB# \_\_\_\_\_

## FLOOR ADDRESS CHART

TO DISPLAY THE ARRIVAL LANTERN AT THE CORRECT FLOOR LEVEL, SET THE DIP SWITCHES AS FOLLOWS (0=OFF, 1=ON)

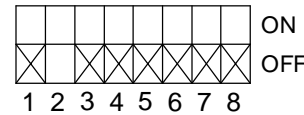
### DIP SWITCH #

8	7	6	5	4	3	FLOOR
0	0	0	0	0	0	ALL CALL
0	0	0	0	0	1	FLOOR #1
0	0	0	0	1	0	FLOOR #2
0	0	0	0	1	1	FLOOR #3
0	0	0	1	0	0	FLOOR #4
0	0	0	1	0	1	FLOOR #5
0	0	0	1	1	0	FLOOR #6
0	0	0	1	1	1	FLOOR #7
0	0	1	0	0	0	FLOOR #8
0	0	1	0	0	1	FLOOR #9
0	0	1	0	1	0	FLOOR #10
0	0	1	0	1	1	FLOOR #11
0	0	1	1	0	0	FLOOR #12
0	0	1	1	0	1	FLOOR #13
0	0	1	1	1	0	FLOOR #14
0	0	1	1	1	1	FLOOR #15
0	1	0	0	0	0	FLOOR #16
0	1	0	0	0	1	FLOOR #17
0	1	0	0	1	0	FLOOR #18
0	1	0	0	1	1	FLOOR #19
0	1	0	1	0	0	FLOOR #20
0	1	0	1	0	1	FLOOR #21
0	1	0	1	1	0	FLOOR #22
0	1	0	1	1	1	FLOOR #23
0	1	1	0	0	0	FLOOR #24
0	1	1	0	0	1	FLOOR #25
0	1	1	0	1	0	FLOOR #26
0	1	1	0	1	1	FLOOR #27
0	1	1	1	0	0	FLOOR #28
0	1	1	1	0	1	FLOOR #29
0	1	1	1	1	0	FLOOR #30
0	1	1	1	1	1	FLOOR #31
1	0	0	0	0	0	FLOOR #32
1	0	0	0	0	1	FLOOR #33
1	0	0	0	1	0	FLOOR #34
1	0	0	0	1	1	FLOOR #35
1	0	0	1	0	0	FLOOR #36
1	0	0	1	0	1	FLOOR #37
1	0	0	1	1	0	FLOOR #38
1	0	0	1	1	1	FLOOR #39
1	0	1	0	0	0	FLOOR #40
1	0	1	0	0	1	FLOOR #41
1	0	1	0	1	0	FLOOR #42
1	0	1	0	1	1	FLOOR #43
1	0	1	1	0	0	FLOOR #44
1	0	1	1	0	1	FLOOR #45
1	0	1	1	1	0	FLOOR #46
1	0	1	1	1	1	FLOOR #47
1	1	0	0	0	0	FLOOR #48
1	1	0	0	0	1	FLOOR #49
1	1	0	0	1	0	FLOOR #50
1	1	0	0	1	1	FLOOR #51
1	1	0	1	0	0	FLOOR #52
1	1	0	1	0	1	FLOOR #53
1	1	0	1	1	0	FLOOR #54
1	1	0	1	1	1	FLOOR #55
1	1	1	0	0	0	FLOOR #56
1	1	1	0	0	1	FLOOR #57
1	1	1	0	1	0	FLOOR #58
1	1	1	0	1	1	FLOOR #59
1	1	1	1	0	0	FLOOR #60
1	1	1	1	0	1	FLOOR #61
1	1	1	1	1	0	FLOOR #62
1	1	1	1	1	1	FLOOR #63

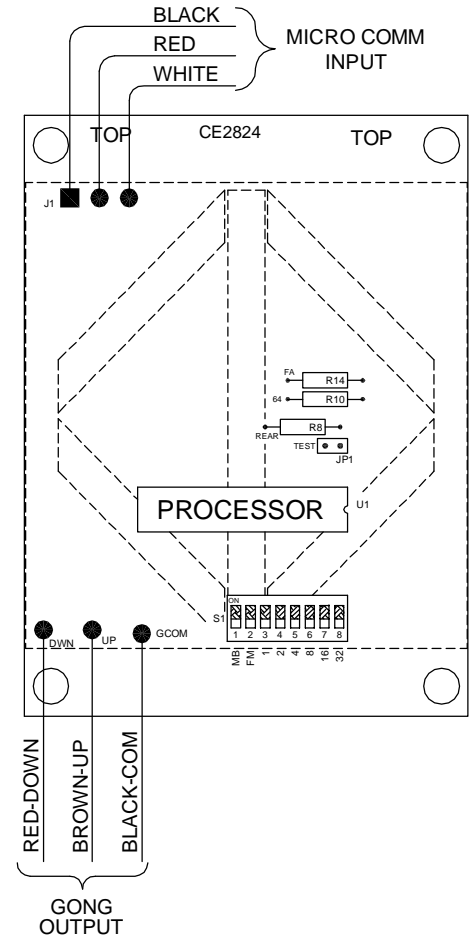
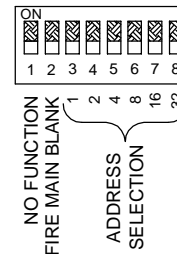


DIP SWITCH LEGEND

### DEFAULT SETTINGS



### DIP SWITCH DETAIL



To SELF-TEST this unit, short the two pins on JP1 and release. Short the two pins again to turn off SELF-TEST.

The Micro Comm driver must be programmed to send messages with the level required to activate the features listed below.

DIP switch 1 (MB) has no function with this unit.

To blank the display during a fire main (level three) message, turn on DIP switch 2 (FM).

To blank the display during a fire alternate (level two) message, remove resistor R14 (FA) from the board.

DIP switches 3-8 off and resistor R10 (64) installed is an all call using travel signals. DIP switches 3-8 on and resistor R10 (64) removed is an all call using arrival signals.

Floor 1 and above use arrival signals. Use the chart above to set the DIP switch to the desired floor for arrival mode. The Micro Comm driver must be set up to send arrival information.

To use this unit as an arrival lantern above floor 63, remove resistor R10 (64) from the board and set the DIP switches as shown on the chart, adding 64 to the floor number shown. For example, to set the unit for floor 75, remove resistor R10 and set the DIP switches for floor 11 (64+11=75).

To operate this unit as a rear lantern, remove resistor R8 (REAR) from the board. NOTE: The Micro Comm driver must be sending the MC2000 data stream to use this feature. Call Tech Support at 419-636-6705 for more information.

CODE VERSION \_\_\_\_\_

BOARD VERSION CE2824 \_\_\_\_\_

NOTE: MUST BE USED WITH A CLASS 2 POWER SUPPLY.

DATE DRAWN 10/28/03	DRAWN BY D.A.C., K.L.S.	REQUESTED BY D.C.	C.E. ELECTRONICS, INC. 2107 Industrial Drive Bryan, Ohio 43006 (419) 636-6705
BOARD NUMBER 2824	LAST DATE REVISED 08/25/05	APPROVED BY	
PRODUCT SA130-VM 3" VERTICAL MC ARROW			DWG. NO. SA130001
			REV. B

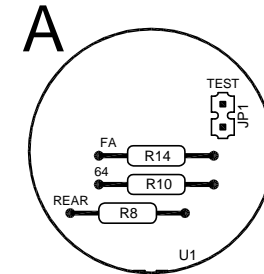
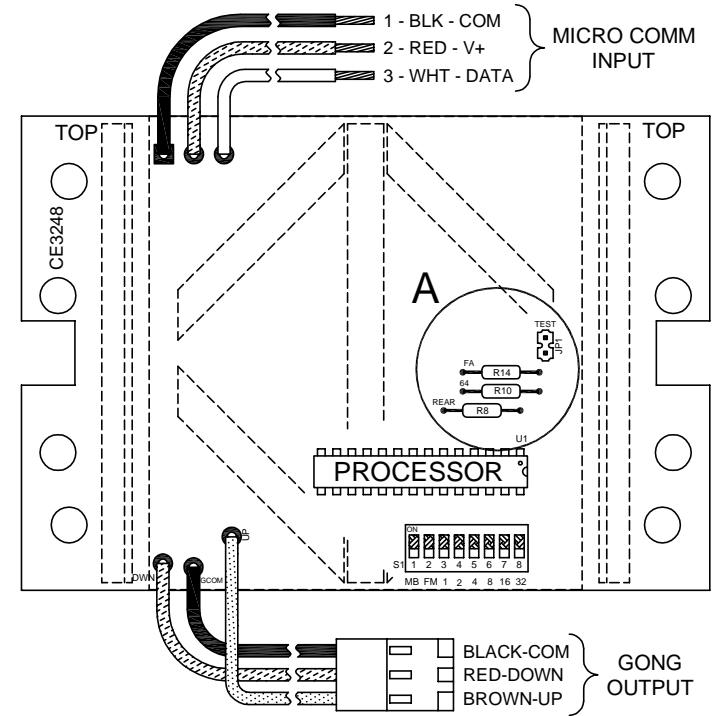
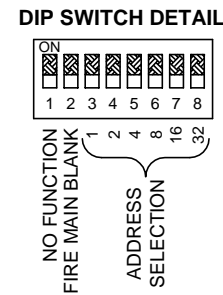
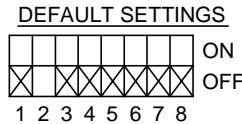
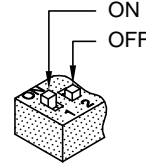
FLOOR ADDRESS CHART

TO DISPLAY THE ARRIVAL LANTERN AT THE CORRECT FLOOR LEVEL, SET THE DIP SWITCHES AS FOLLOWS (0=OFF, 1=ON)

# SA130-HMXX

JOB# \_\_\_\_\_

DS8	DS7	DS6	DS5	DS4	DS3	FLOOR	DS8	DS7	DS6	DS5	DS4	DS3	FLOOR
0	0	0	0	0	0	TRAVEL (#0)	1	0	0	0	0	0	FLOOR #32
0	0	0	0	0	1	FLOOR #1	1	0	0	0	0	1	FLOOR #33
0	0	0	0	1	0	FLOOR #2	1	0	0	0	1	0	FLOOR #34
0	0	0	0	1	1	FLOOR #3	1	0	0	0	1	1	FLOOR #35
0	0	0	1	0	0	FLOOR #4	1	0	0	1	0	0	FLOOR #36
0	0	0	1	0	1	FLOOR #5	1	0	0	1	0	1	FLOOR #37
0	0	0	1	1	0	FLOOR #6	1	0	0	1	1	0	FLOOR #38
0	0	0	1	1	1	FLOOR #7	1	0	0	1	1	1	FLOOR #39
0	0	1	0	0	0	FLOOR #8	1	0	1	0	0	0	FLOOR #40
0	0	1	0	0	1	FLOOR #9	1	0	1	0	0	1	FLOOR #41
0	0	1	0	1	0	FLOOR #10	1	0	1	0	1	0	FLOOR #42
0	0	1	0	1	1	FLOOR #11	1	0	1	0	1	1	FLOOR #43
0	0	1	1	0	0	FLOOR #12	1	0	1	1	0	0	FLOOR #44
0	0	1	1	0	1	FLOOR #13	1	0	1	1	0	1	FLOOR #45
0	0	1	1	1	0	FLOOR #14	1	0	1	1	1	0	FLOOR #46
0	0	1	1	1	1	FLOOR #15	1	0	1	1	1	1	FLOOR #47
0	1	0	0	0	0	FLOOR #16	1	1	0	0	0	0	FLOOR #48
0	1	0	0	0	1	FLOOR #17	1	1	0	0	0	1	FLOOR #49
0	1	0	0	1	0	FLOOR #18	1	1	0	0	1	0	FLOOR #50
0	1	0	0	1	1	FLOOR #19	1	1	0	0	1	1	FLOOR #51
0	1	0	1	0	0	FLOOR #20	1	1	0	1	0	0	FLOOR #52
0	1	0	1	0	1	FLOOR #21	1	1	0	1	0	1	FLOOR #53
0	1	0	1	1	0	FLOOR #22	1	1	0	1	1	0	FLOOR #54
0	1	0	1	1	1	FLOOR #23	1	1	0	1	1	1	FLOOR #55
0	1	1	0	0	0	FLOOR #24	1	1	1	0	0	0	FLOOR #56
0	1	1	0	0	1	FLOOR #25	1	1	1	0	0	1	FLOOR #57
0	1	1	0	1	0	FLOOR #26	1	1	1	0	1	0	FLOOR #58
0	1	1	0	1	1	FLOOR #27	1	1	1	0	1	1	FLOOR #59
0	1	1	1	0	0	FLOOR #28	1	1	1	1	0	0	FLOOR #60
0	1	1	1	0	1	FLOOR #29	1	1	1	1	0	1	FLOOR #61
0	1	1	1	1	0	FLOOR #30	1	1	1	1	1	0	FLOOR #62
0	1	1	1	1	1	FLOOR #31	1	1	1	1	1	1	FLOOR #63



To self-test the unit, short the two pins of JP1 (TEST) together and release. Short the two pins again to exit self-test.

The Micro Comm driver must be programmed to send messages with the level required to activate the features listed below.

To blank the display during a fire alternate (level two) message, remove resistor R14 (FA) from the board.

To blank the display during a fire main (level three) message, turn on DIP switch 2 (FM).

To operate the display as a hall (arrival) lantern, use the chart above to set the DIP switch to the desired floor. For floors above floor 63, remove resistor R10 (64) from the board, subtract 64 from the desired floor number, and use the chart to set the DIP switch for the resulting floor number. For example, to set the unit for floor 75, remove resistor R10 and set the DIP switches for floor 11 (75 - 64 = 11). NOTE: The Micro Comm driver must be set up to send arrival information.

To operate the display as an in-car lantern using travel signals, the unit must have resistor R10 (64) installed and DIP switches 3-8 turned off.

To operate the display as an in-car lantern using arrival signals, the unit must have resistor R10 (64) removed and DIP switches 3-8 turned on.

To operate the display as a rear lantern, remove resistor R8 (REAR) from the board. NOTE: The Micro Comm driver must be sending the MC2000 data stream to use this feature. Call Tech Support at 419-636-6705 for more information.

CODE VERSION \_\_\_\_\_

BOARD VERSION CE3248 \_\_\_\_\_

NOTE: MUST BE USED WITH A CLASS 2 POWER SUPPLY.

DATE DRAWN: 03.14.03	DRAWN BY: DAC	REQUESTED BY: D.C.	C.E. ELECTRONICS, INC. 2107 Industrial Drive Bryan, Ohio 43306 (419) 636-6705
BOARD NUMBER: 3248	LAST DATE REVISED: 10/11/07	APPROVED BY:	
PRODUCT: SA130-HM 3" HORIZONTAL ARROW			
DWG. NO. SA130002			REV: D

# SA130-HMXX

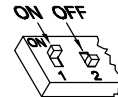
JOB# \_\_\_\_\_

## FLOOR ADDRESS CHART

TO DISPLAY THE ARRIVAL LANTERN AT THE CORRECT FLOOR LEVEL, SET THE DIP SWITCHES AS FOLLOWS (0=OFF, 1=ON)

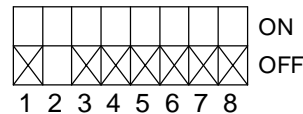
### DIP SWITCH #

8	7	6	5	4	3	FLOOR
0	0	0	0	0	0	ALL CALL
0	0	0	0	0	1	FLOOR #1
0	0	0	0	1	0	FLOOR #2
0	0	0	0	1	1	FLOOR #3
0	0	0	1	0	0	FLOOR #4
0	0	0	1	0	1	FLOOR #5
0	0	0	1	1	0	FLOOR #6
0	0	0	1	1	1	FLOOR #7
0	0	1	0	0	0	FLOOR #8
0	0	1	0	0	1	FLOOR #9
0	0	1	0	1	0	FLOOR #10
0	0	1	0	1	1	FLOOR #11
0	0	1	1	0	0	FLOOR #12
0	0	1	1	0	1	FLOOR #13
0	0	1	1	1	0	FLOOR #14
0	0	1	1	1	1	FLOOR #15
0	1	0	0	0	0	FLOOR #16
0	1	0	0	0	1	FLOOR #17
0	1	0	0	1	0	FLOOR #18
0	1	0	0	1	1	FLOOR #19
0	1	0	1	0	0	FLOOR #20
0	1	0	1	0	1	FLOOR #21
0	1	0	1	1	0	FLOOR #22
0	1	0	1	1	1	FLOOR #23
0	1	1	0	0	0	FLOOR #24
0	1	1	0	0	1	FLOOR #25
0	1	1	0	1	0	FLOOR #26
0	1	1	0	1	1	FLOOR #27
0	1	1	1	0	0	FLOOR #28
0	1	1	1	0	1	FLOOR #29
0	1	1	1	1	0	FLOOR #30
0	1	1	1	1	1	FLOOR #31
1	0	0	0	0	0	FLOOR #32
1	0	0	0	0	1	FLOOR #33
1	0	0	0	1	0	FLOOR #34
1	0	0	0	1	1	FLOOR #35
1	0	0	1	0	0	FLOOR #36
1	0	0	1	0	1	FLOOR #37
1	0	0	1	1	0	FLOOR #38
1	0	0	1	1	1	FLOOR #39
1	0	1	0	0	0	FLOOR #40
1	0	1	0	0	1	FLOOR #41
1	0	1	0	1	0	FLOOR #42
1	0	1	0	1	1	FLOOR #43
1	0	1	1	0	0	FLOOR #44
1	0	1	1	0	1	FLOOR #45
1	0	1	1	1	0	FLOOR #46
1	0	1	1	1	1	FLOOR #47
1	1	0	0	0	0	FLOOR #48
1	1	0	0	0	1	FLOOR #49
1	1	0	0	1	0	FLOOR #50
1	1	0	0	1	1	FLOOR #51
1	1	0	1	0	0	FLOOR #52
1	1	0	1	0	1	FLOOR #53
1	1	0	1	1	0	FLOOR #54
1	1	0	1	1	1	FLOOR #55
1	1	1	0	0	0	FLOOR #56
1	1	1	0	0	1	FLOOR #57
1	1	1	0	1	0	FLOOR #58
1	1	1	0	1	1	FLOOR #59
1	1	1	1	0	0	FLOOR #60
1	1	1	1	0	1	FLOOR #61
1	1	1	1	1	0	FLOOR #62
1	1	1	1	1	1	FLOOR #63

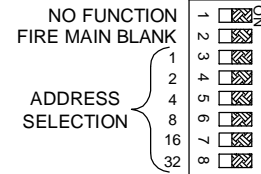


DIP SWITCH LEGEND

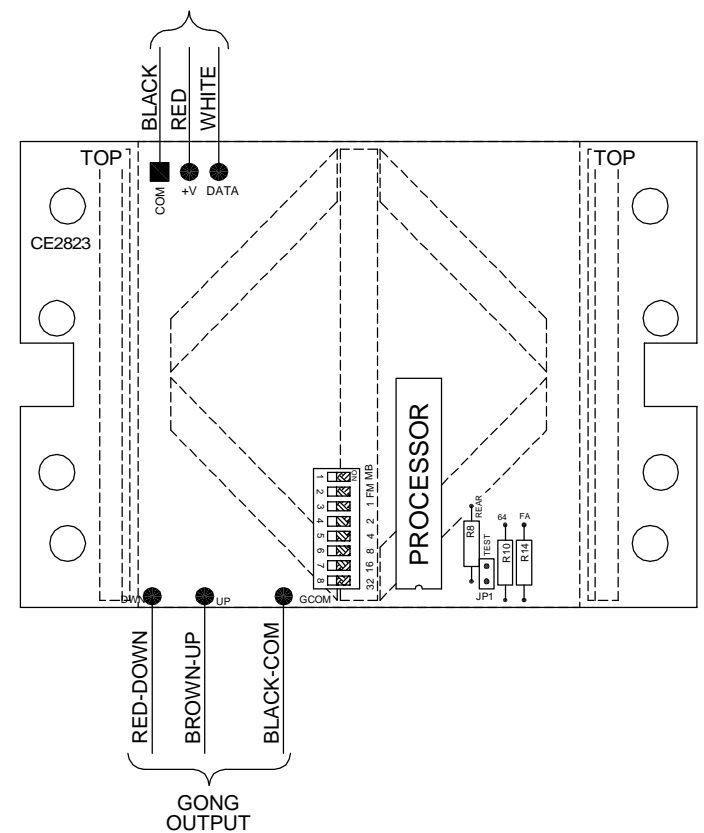
### DEFAULT SETTINGS



### DIP SWITCH DETAIL



### MICRO COMM INPUT



The Micro Comm driver must be programmed to send messages with the level required to activate the features listed below.

DIP switch 1 (MB) has no function with this unit.

To blank the display during a fire main (level three) message, turn on DIP switch 2 (FM).

To blank the display during a fire alternate (level two) message, remove resistor R13 (FA) from the board.

DIP switches 3-8 off and resistor R10 (64) installed is an all call using travel signals. DIP switches 3-8 on and resistor R10 (64) removed is an all call using arrival signals.

Floor 1 and above use arrival signals. Use the chart above to set the DIP switch to the desired floor for arrival mode. The Micro Comm driver must be set up to send arrival information.

To use this unit as an arrival lantern above floor 63, remove resistor R10 (64) from the board and set the DIP switches as shown on the chart, adding 64 to the floor number shown. For example, to set the unit for floor 75, remove resistor R10 and set the DIP switches for floor 11 (64+11=75).

To operate this unit as a rear lantern, remove resistor R9 (REAR) from the board. NOTE: The Micro Comm driver must be sending the MC2000 data stream to use this feature. Call Tech Support at 419-636-6705 for more information.

To SELF-TEST this unit, short the two pins on JP2 and release. Short the two pins again to turn off SELF-TEST.

NOTE: MUST BE USED WITH A CLASS 2 POWER SUPPLY.

CODE VERSION \_\_\_\_\_

BOARD VERSION CE2823 \_\_\_\_\_

DATE DRAWN 03.14.03	DRAWN BY K.L.S.	REQUESTED BY D.C.	C.E. ELECTRONICS, INC. 2107 Industrial Drive Bryan, Ohio 43006 (419) 636-6705
BOARD NUMBER 2823	LAST DATE REVISED 08/25/05	APPROVED BY	
PRODUCT SA130-HM 3" HORIZONTAL ARROW			DWG. NO. SA130002
			REV. B

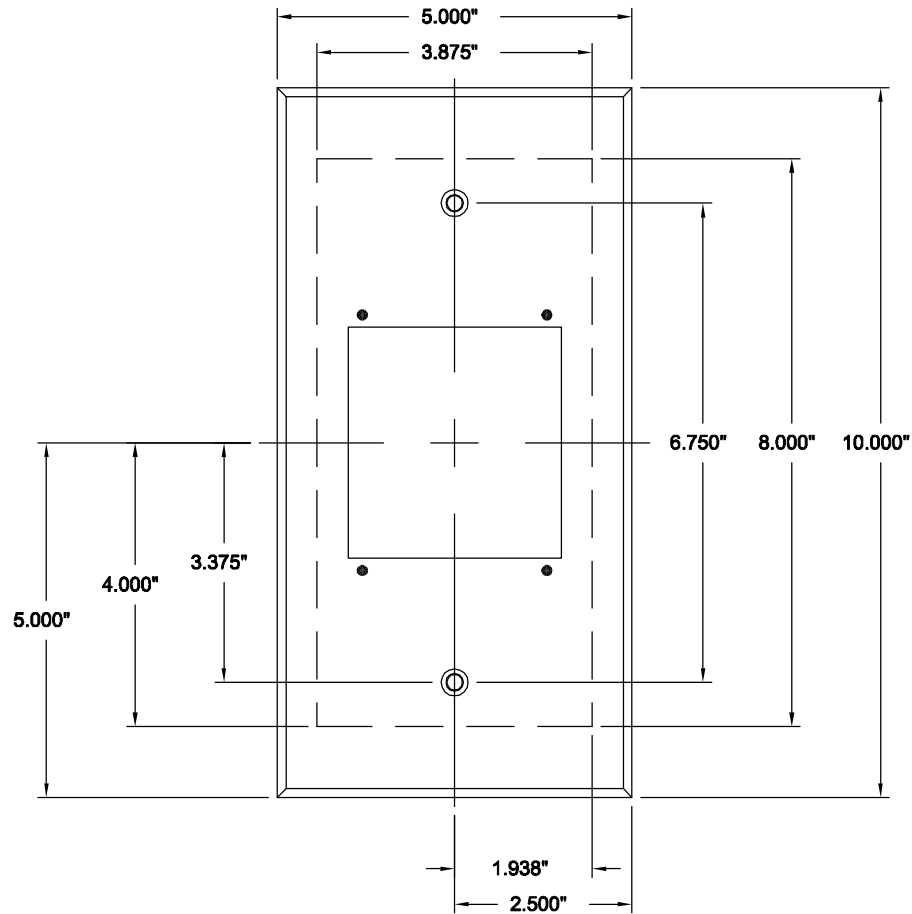


C.E. Electronics, Inc.  
 2107 Industrial Drive  
 Bryan, OH 43506  
 PH (419) 636-6705 FX (419) 636-2516  
 www.ccelectronics.com

# 70100001

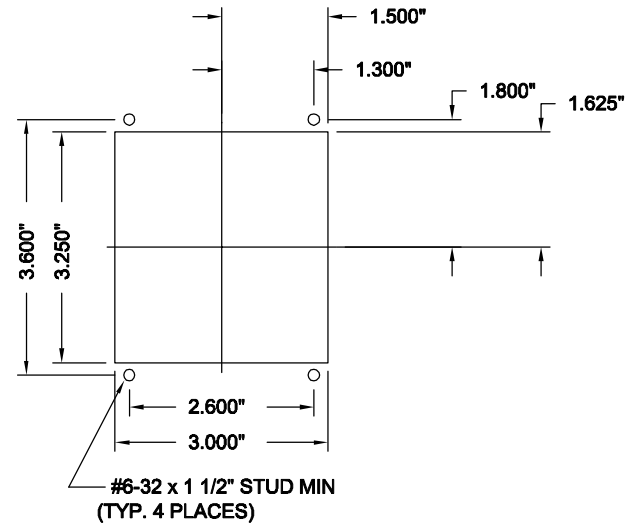
Ver. 1 Rel. 06/18/03

**METAL**



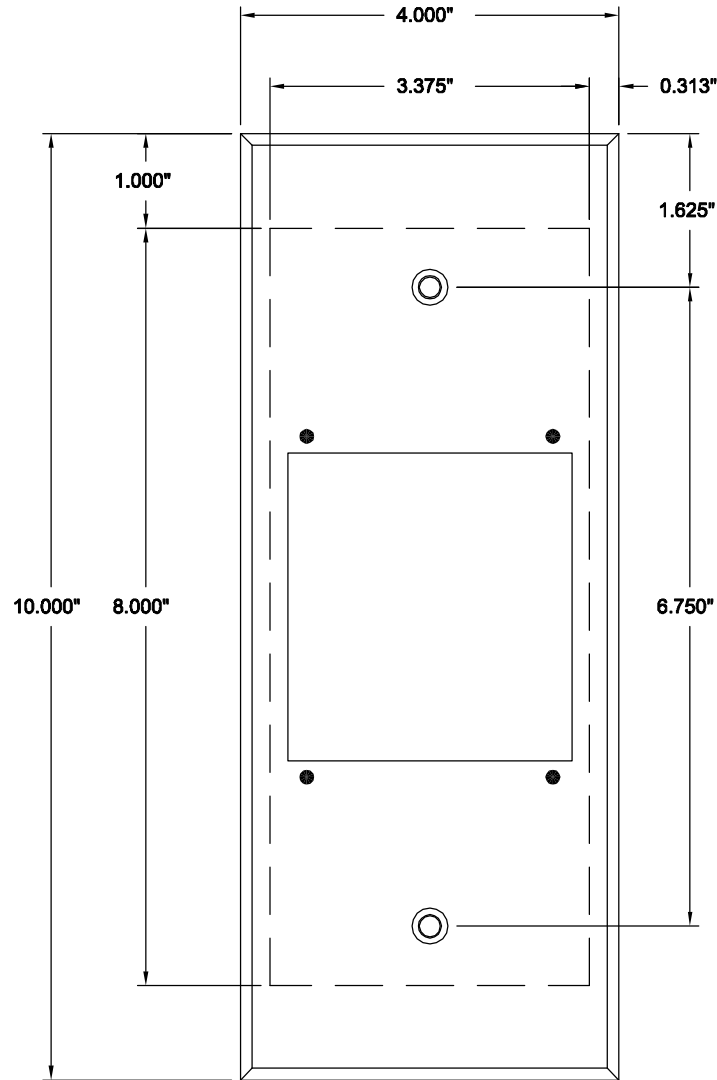
## SA130 CAR DIRECTIONAL INDICATOR

### DETAIL



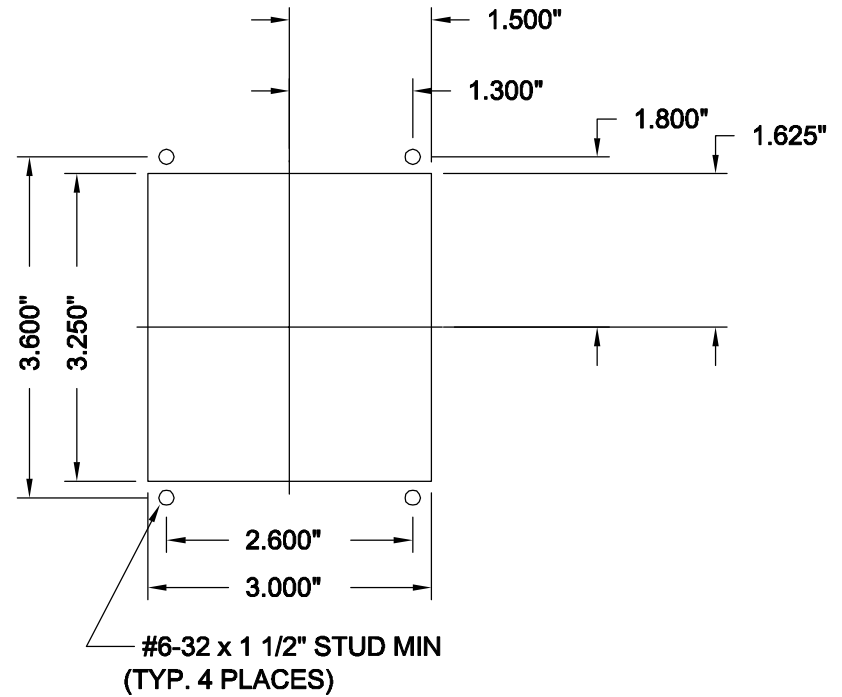
### NOTES:

- #4 STAINLESS STEEL, .125"
- VERTICAL GRAIN
- BEVELED EDGES - APPROXIMATELY 15°
- BOX REQUIRED, 3.5" DEEP
- COUNTERSINK MOUNTING HOLES FOR #10-32 TAMPERPROOF SCREW



## SA130 FLUSH 4" x 10"

### DETAIL



### NOTES:

- #4 STAINLESS STEEL, .125"
- VERTICAL GRAIN
- BEVELED EDGES - APPROXIMATELY 15°
- BOX REQUIRED, 3.5" DEEP
- COUNTERSINK MOUNTING HOLES FOR #10-32 TAMPERPROOF SCREW





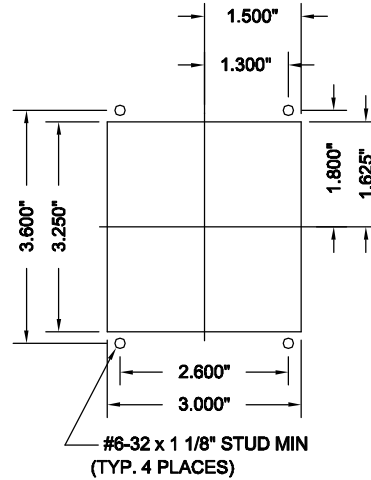
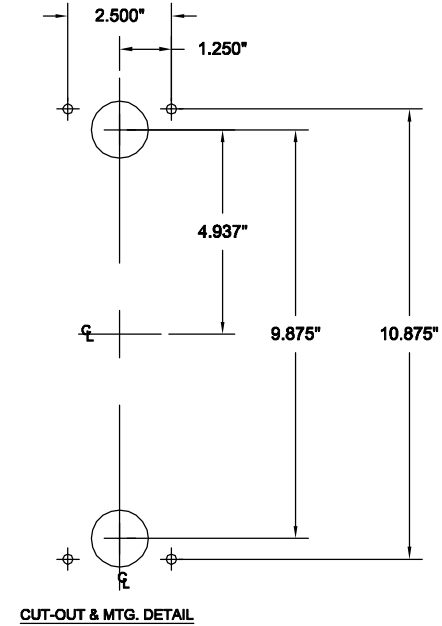
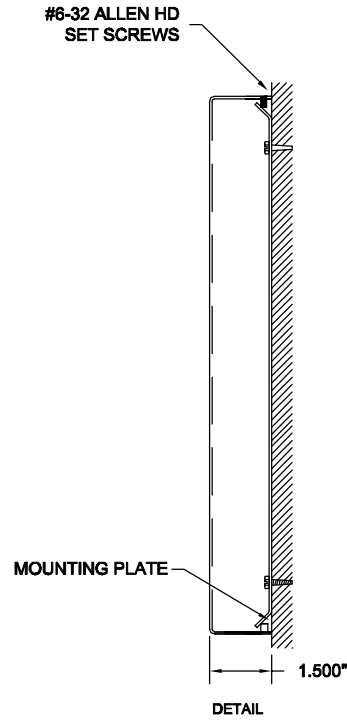
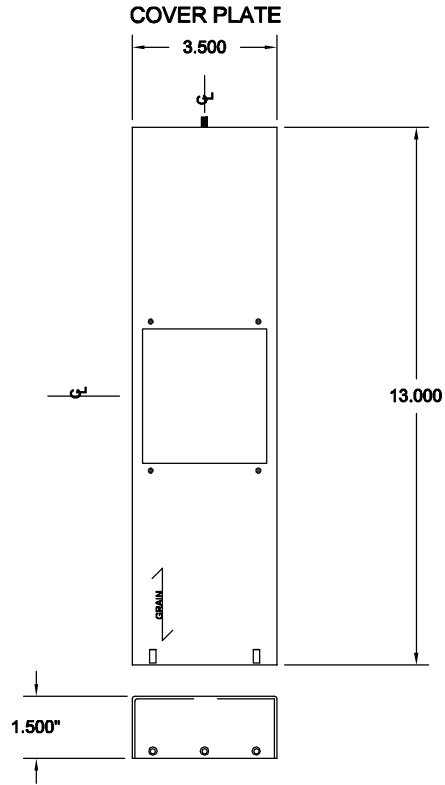
C.E. Electronics, Inc.  
 2107 Industrial Drive  
 Bryan, OH 43506  
 PH (419) 636-6705 FX (419) 636-2516  
 www.ceelectronics.com

# 70100010

Ver. 1 Rel. 06/06/02

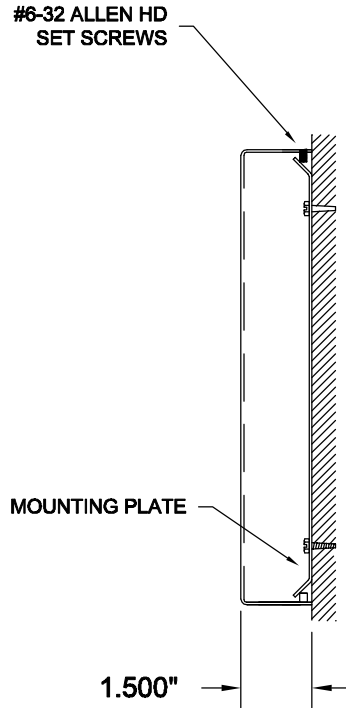
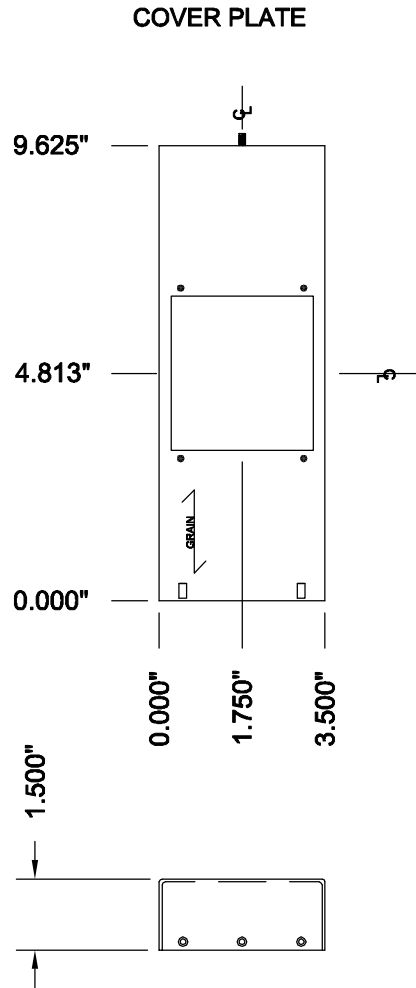
**METAL**

## SM SS4 COVER & BOX SA130 VERT

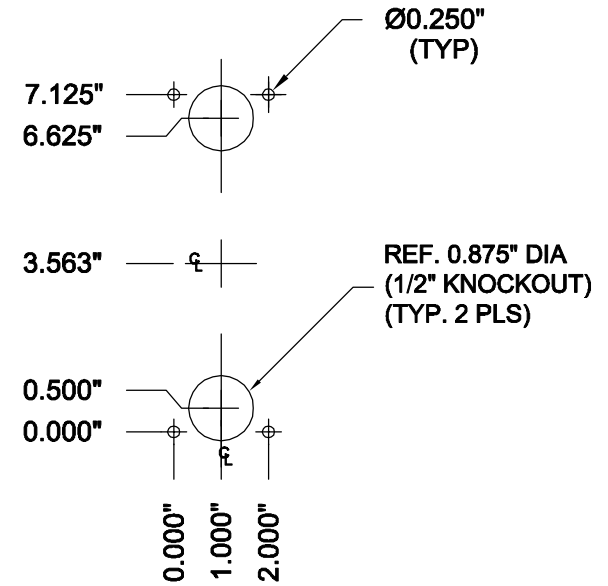


**NOTES:**

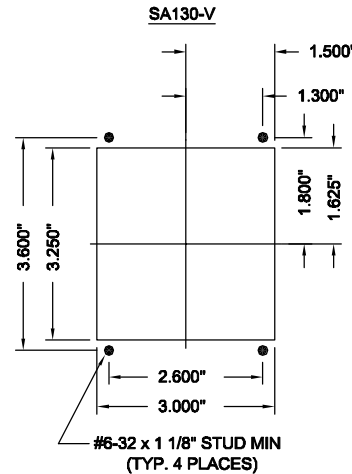
#4 STAINLESS STEEL, PAN TYPE COVER, 16 GAGE .060  
 VERTICAL GRAIN  
 BACK PLATE INCLUDED



**SA130 CAR DIRECTIONAL INDICATOR**



**CUT-OUT & MTG. DETAIL**



**NOTES:**

- #4 STAINLESS STEEL, PAN TYPE COVER, 16 GAUGE .060
- VERTICAL GRAIN
- BACK PLATE INCLUDED