

## OA-AXIS I / II

[m(feet,inch)]

A	2.20(7' 2")	2.50(8' 2")	2.70(8' 10")	3.00(9' 10")	*3.50(11' 6")
B	0.14(5 1/2")	0.16(6")	0.18(7")	0.20(8")	0.23(9")
C	0.42(1' 5")	0.48(1' 7")	0.52(1' 8")	0.58(1' 11")	0.67(2' 3")
D	0.82(2' 8")	0.93(3' 1")	1.00(3' 3")	1.10(3' 7")	1.30(4' 3")
E	1.35(4' 5")	1.54(5' 1")	1.66(5' 5")	1.85(6' 1")	2.16(7' 1")
F	1.90(6' 3")	2.17(7' 1")	2.34(7' 8")	2.60(8' 6")	3.03(9' 11")
G	1.33(4' 4")	1.51(4' 11")	1.63(5' 4")	1.81(5' 11")	2.11(6' 11")
H	2.05(6' 9")	2.32(7' 7")	2.51(8' 3")	2.79(9' 2")	3.26(10' 9")
I	2.78(9' 2")	3.15(10' 4")	3.40(11' 2")	3.79(12' 5")	4.42(14' 6")

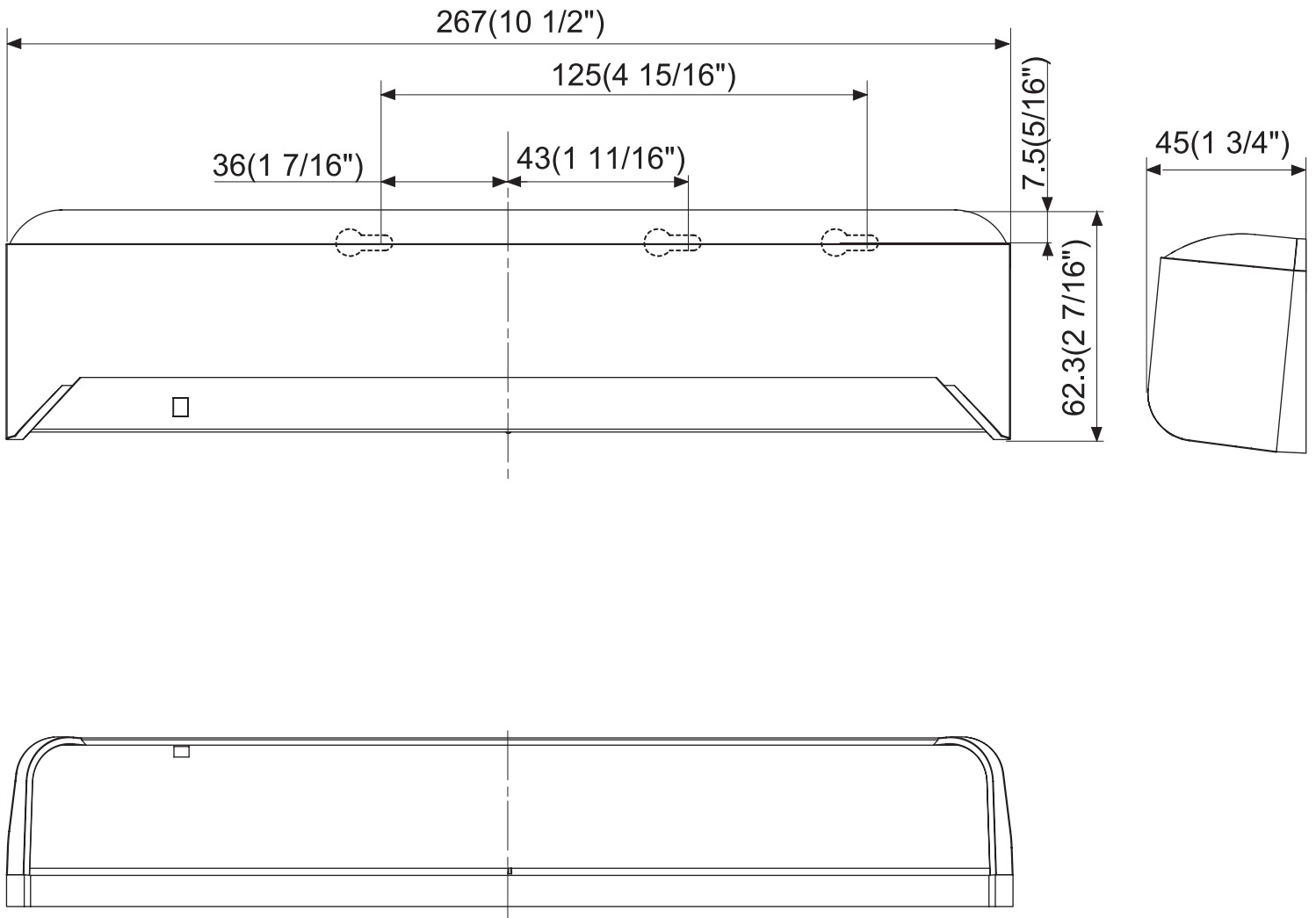
\*OA-AXIS I / II Only

Model	: OA-AXIS I / OA-AXIS II
Cover color	: Silver / Black
Mounting height	: 2.0 (6'7") to 3.5m (11'5")
Detection area	: See DETECTION AREA
Detection method	: Active infrared reflection
Depth angle adjustment	: 1st to 3rd rows / -6° to +6° 4th and 5th rows / +26° to +44°
Power supply	: 12 to 24VAC (±10%) 12 to 30VDC (±10%)
Power consumption	: OA-AXIS I <3VA OA-AXIS II <4VA
Operation LED	: Green / Stand-by Blinking Red / 1st row detection Red / 2nd row detection Orange / 3rd to 5th rows detection
Output	: OA-AXIS I / Form C relay 50V 0.3A Max.(Resistance load) OA-AXIS II / 1st to 3rd rows / Form C relay 50V 0.3A Max.(Resistance load) 3rd to 5th rows / Form C relay 50V 0.3A Max.(Resistance load)
Output hold time	: Approx. 0.5 sec.
Response time	: <0.3 sec.
Operating temperature	: -20°C to +55°C (-4°F to +131 F)
IP rate	: IP44
Weight	: 320g(11.2oz)
Accessories	: 1 Cable 3m (9'10") 1 Operation manual 2 Mounting screws 1 Mounting template 1 Area adjustment tool

Model	: OA-AXIS T
Cover color	: Silver / Black
Mounting height	: 2.0 (6'6") to 3.0m (9'10")
Detection area	: See DETECTION AREA
Detection method	: Active infrared reflection
Depth angle adjustment	: 1st to 3rd rows / $-6^{\circ}$ to $+6^{\circ}$ 4th and 5th rows / $+26^{\circ}$ to $+44^{\circ}$
Power supply	: 12 to 24VAC $\pm 10\%$ (50 / 60Hz) 12 to 30VDC $\pm 10\%$
Power consumption	: $<2.5W$ ( $<4VA$ at AC)
Test input	: Opto coupler Voltage / 5 to 30 VDC Current / 6mA Max. (30VDC)
Activation output	: When 3rd, 4th or 5th row detects. Form A relay 50V 0.3A Max.(Resistance load)
Test input	: Opto coupler Voltage / 5 to 30 VDC Current / 6mA Max. (30VDC)
Activation output	: When 3rd, 4th or 5th row detects. Form A relay 50V 0.3A Max. (Resistance load)
Safety / Test output	: When 1st or 2nd row detects. Opto coupler (NPN) Voltage / 5 to 50VDC Current / 100mA Max. Dark current / 600nA Max. (Resistance load)
Output hold time	: Approx. 0.5 sec.
Response time	: $<0.3$ sec.
Operating temperature	: $-20^{\circ}C$ to $+55^{\circ}C$ ( $-4^{\circ}F$ to $+131 F$ )
Operating humidity	: $<80\%$
IP rate	: IP44
Category	: 2(ISO 13849-2 : 2003)
Weight	: 320g(11.2oz)
Accessories	: 1 Operation manual 2 Mounting screws 1 Mounting template 1 Area adjustment tool 1 Cable 3m(9'10") (8 x 0.29mm <sup>2</sup> AWG24)

**OUTER DIMENSIONS**

**Active Infrared Sensor OA-AXIS I / II / T**



UNIT: mm (inch)