

CAB SERIES

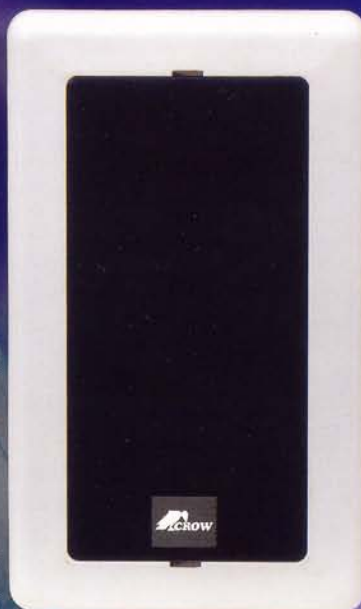
CAB-15F / CAB-15S

Single Photoelectric Beam Sensor

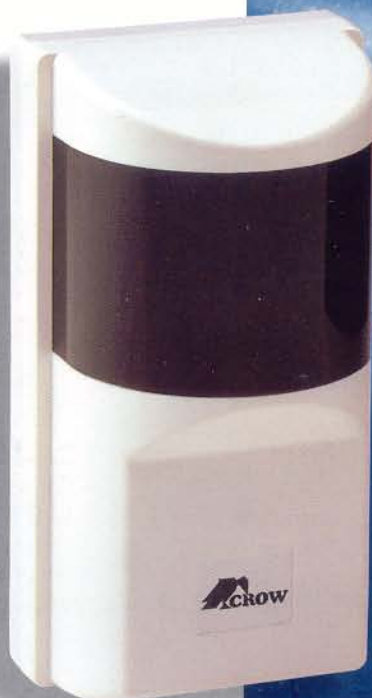
FEATURES:

- Detection Range : Up to 30 m (indoor), 15 m (outdoor).
- CAB-15 series with 2 options -- CAB-15 S (Surface Mount) & CAB- 15 F (Flush Mount)
- Horizontal and Vertical Angle Alignment.
- 3-Step LED indicator for fast and accurate fine beam alignment.

- Computer Aid
Design with beautiful cosmetic and durable performance.
Circuit Design with high surge resistance relay would maintain stable operation.



CAB-15F



CAB-15S

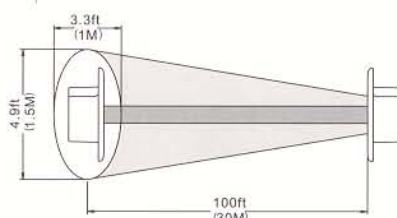
FEATURES



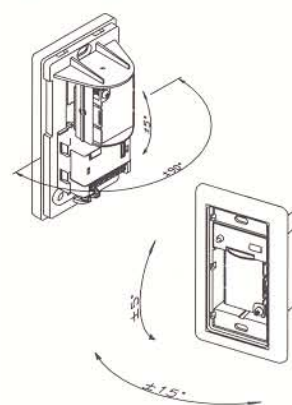
3-Step LED Indicator for Fast and Accurate Fine Beam Alignment

Receiver's LED	Beam Indication
LED with Red, Yellow OFF	Strong
LED with Yellow ON / LED with Red OFF	Weak (Couldn't alarm, adjust needed)
LED with Red ON / LED with Yellow OFF	Alarm

Detection Range

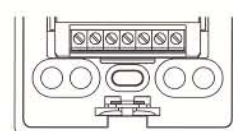


Alignment Angle



Insect Protection

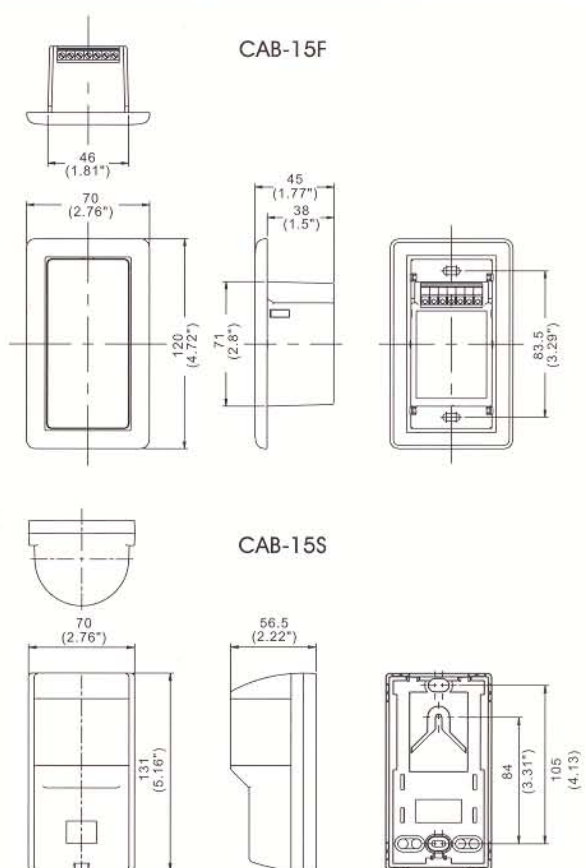
Using rubber ring in CAB Series to prevent tiny insects from entrance.



SPECIFICATIONS

Model	CAB-15F	CAB-15S
Detection Range	30 m (indoor). 15 m (outdoor).	30 m (indoor). 15 m (outdoor).
Max Arrival Distance	150m (500ft)	
Current Consumption	Transmitter : 9mA (13mA Max) Receiver : 24 mA (26mA Max)	
Supply Voltage	10V-28VDC (Non-Polarity)	
Detection System	Infrared Photoelectric	
Beam Characteristics	Pulsed infrared, 1000 pps, 8800 Å	
Response Time	60 msec (±10)	
Interruption Time	2 sec (±1) nominal	
Alarm Output	Dry connect relay NC./NO. 0.3A/30 VDC (When beam is cut.)	
Tamper Switch Output	Dry connect relay NC./NO. 0.3A/30 VDC (N.C. opens when cover is removed.)	
Alarm LED	Transmitter: LED with Green ON; under transmitting . Receiver: LED with Red ON; alarm abnormal. LED with Yellow ON, very weak receiving signal. LED with Red & Yellow OFF, normal condition.	
Functions	3-Step LED indicator	
Operating Temperature	-25°C to + 55°C (-13°F to +131°F)	
Environment Humidity	95% (max)	
Wiring	Terminal	
Alignment Angle	Horizontal ±15° Vertical ±5°	Horizontal ±90° Vertical ±5°
Mounting Positions	Indoor / Flush Wall, Switch Box	Indoor / Surface Wall, Switch Box
Weight	167 g (5.9 oz)	272 g (9.6 oz)
Dimension (WxHxD) (mm/inches)	70 x 120 x 45 mm (2.67" x 4.72" x 1.77")	70 x 131 x 56.5 mm (2.67" x 5.16" x 2.22")
Standard Accessories	Screw (5/32" x 1") x 8 pcs	

DIMENSIONS



Unit : mm(inch)

No.CAB15.



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