YUAN-HSUN

Quad beams-
Multi frequency quad beams
4 channels selectable

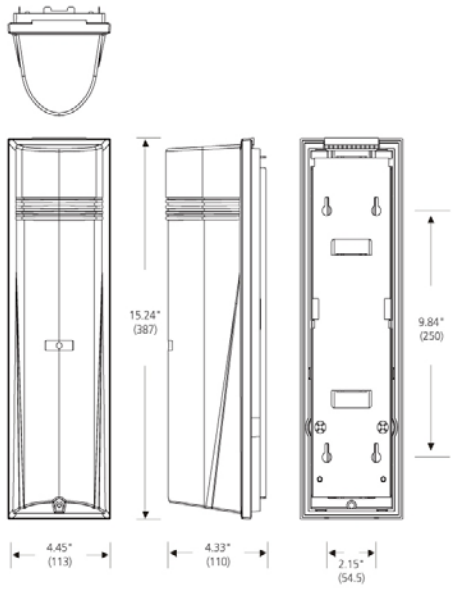
Quad Photebeam Detector

Quad-50CS/100CS/150CS/200CS

Features:

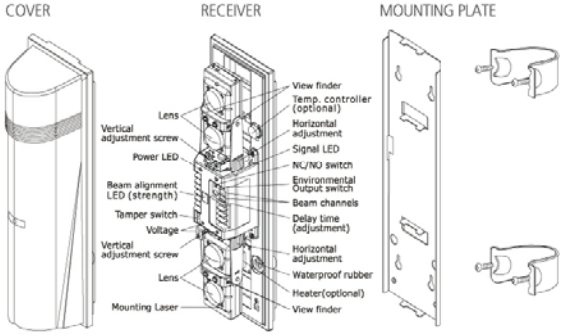
- Multi frequency technology.(4 channels, selectable)
- Heater. (Optional)
- Quad--beam technology.
- Programmed A.G.C.
- Built-in laser beam alignment system speeds accurate, reliable positioning.(Optional)
- Beam alignment voltage testing points.
- LED indicators for beam strength(5 Leds).
- Buzzer sound(beep sound)for beam alignment.
- Environment module: the environmental signal is initiated if the beam reception level is reduced by approx 50% or more, The module "watches" for a gradual degradation of the beam reception which is indicative of extremely poor weather conditions. N.C. or N.O. signal output is selectable.
- IP-55 ingress protection.

Dimensions:



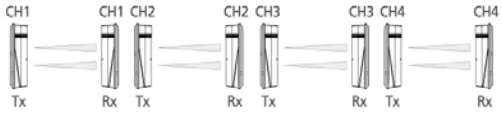
Unit : Inch(mm)

Parts Dentifcation

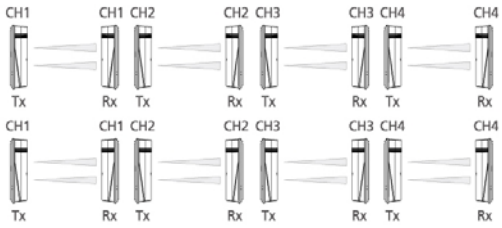


Combination Of Actual Installation

1. Linear protection:



2.Multi - stacked linear protection <MAX.: 8 units>



Model	Quad-50CS	Quad-100CS	Quad-150CS	Quad-200CS
Max. range(outdoor)	165'(50m)	330'(100m)	495'(150m)	660'(200m)
Max. range(indoor)	330'(100m)	660'(200m)	990'(300m)	1320'(400m)
Current (Tx+Rx)	110mA	115mA	120mA	125mA
Current (Tx+Rx+Heaters)	260mA	270mA	280mA	290mA
Power	AC/DC 12~24V (Non-polarity)			
Detection system	50~700msec(variable)			
Alarm output	Contact capacity:NC./NO. 1A/120VAC			
Tamper output(Tx&Rx)	NC switch,1A@120VAC			
Alarm LED(Receiver)	Red LED-ON:when transmitter and receiver are not aligned or when beam is broken.			
Signal LED(Receiver)	Yellow LED-OFF:Beam aligned properly. FLASH:When receiver's signal weak. ON:Beam broken or beam alignment not proper.			
Power LED (Receiver and Transmitter)	Green LED ON:Indicates connected to power			
Laser wavelength	650nm			
Laser output power	≤5mW			
Alignment angle	Horizontal:±90° , Vertical:±15°			
Operating temperature	-13°F(-25°C) to + 131°F(+55°C)			
Weight	5.73lbs.(2.6kg)			
Humidity	<70%			
Case	PC Resin			