



### Specifications

Model	2M8PLD-100	2M8PLD-300	2M8PLD-500
<b>Laser Wave Length</b>	<b>650nm</b>	<b>808nm</b>	<b>980nm</b>
<b>Detect Range</b>	100m/ 328ft	300m/ 1146ft	500m/ 1911ft
<b>Guard Distance</b>	0 - 500m / 0 - 1640ft		
<b>Working Voltage</b>	DC12V +/- 10%		
<b>Product Size</b>	60mm (L) x 80mm (W) x 1550mm (H) 2.36in (L) x 3.14in (W) x 61in (H)		
<b>Alarm Time</b>	2s ± 1s (1-30s optional)		
<b>Response Time</b>	5ms-500ms (five gears adjustable)		
<b>Working Environment Temperature</b>	-40°C to 70°C / -40°F to 158°F		
<b>Protection Class</b>	IP67		
<b>Laser Light Source Type</b>	A safety laser light source, class I		
<b>MTBF</b>	120,000H		
<b>Material</b>	304 or 316L Stainless Steel		
<b>Alarm</b>	Alarm response time is adjustable in five levels		
<b>Laser</b>	Imported semiconductor laser from Germany service life up to 10 years		

### Features

- Quality: military quality
- Stability: effective resistance to impact and external damage
- Customizable: flexible customization
- Independent beams: beam have independent frequency identification
- Adjustment: front dimming design
- Alarm: sound and light alarm (optional)
- Large lens: improves the ability to focus light
- Long-lasting durability

### Description

- Designed for military level projects it is a perfect solution for public security system projects.
- The housing is made with a 2.5mm thick stainless steel which is available in either of two grades 304 or 316. This material offers corrosion resistance, strength, and easy maintenance.
- These perimeter detectors can be customized in terms of height of the guard, the number of beams and the surface spraying process according to a customer's requirements.
- Each beam uses different frequencies to independently identify and receive laser signals. This helps avoid external environmental interference and laser beam crosstalk caused by omission which can cause a false alarm.
- Optical path stability: Patented laser module technology is quick with convenient dimming, features a self-locking function to ensure the stable operation of the equipment
- An audio/visual alarm warning system is optional
- Long-lasting durability

### Distances Available:

MODELS			
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