

# Long Range Door and Gate Photoelectric Sensors

## with Optional Laser Alignment



CARLO GAVAZZI is proud to announce the launch of our new **PD140 Series Long Range Photoelectric Sensors** - an exciting product line targeted specifically for Door and Gate Access applications. This high performance sensor easily handles the tough challenges typically found in the door and gate industry in a cost effective, simple to use design.

The rugged design of the **PD140** makes it the ideal choice for harsh outdoor use where strong ambient light, fog, rain, snow, and dust, might be present. The sturdy aluminum and polycarbonate housing also protects the sensors against vandalism. The **PD140** has an amazing outdoor sensing range of up to 60 metres; for controlled indoor environments, the range is up to 120 metres.



As most installers know, installing and setting up infrared sensors at long distances can be a very challenging and tedious task. With the optional **APD140-LA01 Green Laser Alignment Tool**, alignment of the **PD140** can be done in seconds, even at distances longer than 60 metres! Full UL325 Certification ensures that the **PD140** has the features necessary to meet the UL requirements for Door and Gate Access applications.

The features of the **PD140 Series Photoelectric Sensors** include:

Aluminum and polycarbonate housing

- ▶ Sensing range:
  - Outdoor up to 60 metres
  - Indoor up to 120 metres
- ▶ Adjustable alignment:  $\pm 100^\circ$  horizontal,  $\pm 15^\circ$  vertical
- ▶ Emitter mute (test input)
- ▶ Two alignment tool options:
  - Visible Green Laser (APD140-LA01)
  - Voltage Output (APD140-TC01)
- ▶ Crosstalk elimination with AC power supply and synchronization mode (2 set)
- ▶ SPDT relay contacts
- ▶ 12-24 VAC/DC power supply
- ▶ IP65, NEMA 1, 2, 3, 3R, 3RX, 3SX, 3X, 5, 12 and 12K rating
- ▶ UL325 and UL508 Certifications
- ▶ CE, EN12453, EN12445, EN12978 ESPE type 2, Performance level D