

DS-PB401-D100 Dual Beams Infrared Detector

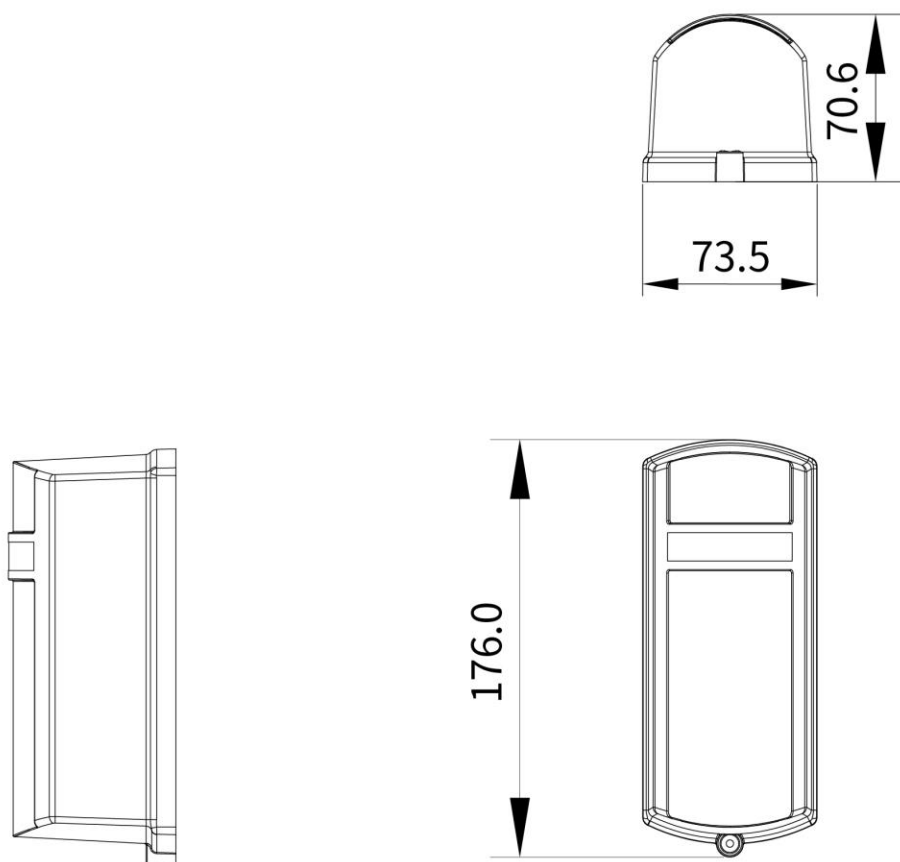


- Adopts anti-white-light convex lens, anti-sunlight shield cover and filter-equipped receiving tube to improve anti-external light interference performance and resistance to harsh environmental disturbances.
- Adopts premium IR emitting diodes and optical biconvex lens design to raise transmitting power and beam focusing capability, strengthen signal intensity and extend detection distance.
- Supports adjustment of 5 response modes, delivering superior performance in preventing false alarms caused by pets and leaf obstruction.
- Features wide voltage design with support for DC 12–24V and AC 12–18V inputs. Compatible with centralized power supply to effectively eliminate line voltage drop.
- Alarm output supports both NO and NC dry contact relay modes.
- Built-in NC tamper switch that triggers an alarm once the enclosure is opened.
- Optical axis allows wide-range horizontal and multi-angle vertical adjustment for easy beam alignment, ensuring convenient and efficient installation.

▪ Specification

Detection performance	
Detection method	Active Infrared
Warning distance	100m
Light source	Infrared digital pulse
Wavelength	940nm
Beam frequency	750Hz
Alignment angle	Horizontal: 180° (±90°) Vertical: 20° (±10°)
Interruption time	50-700 (ms)
Hardware features	
Number of beams	2
Tamper-Proof	NC relay, 30 VDC, 0.5 A Max
Alarm output	NC/NO relay, 30 VDC, 0.5 A Max
Power Supply	
Power consumption	DC12-24V or AC12-18V, 85mA Max
General	
IP rate	IP55
Dimension (W×H×D)	176*73.5*70.6 (mm)
Shell material	PC
Material	ABS
Weight	800±15g (G.W.)
Operation temperature	-25°C ~+55°C
Operation humidity	≤ 95% (non-condensing)

▪ Dimension



单位:mm

See Far, Go Further



www.hikvision.com
support@hikvision.com

