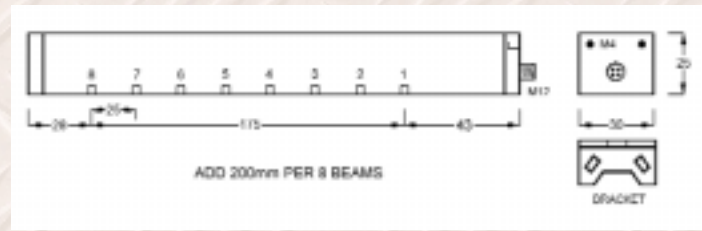


# Features

- Slim-line enclosures
- Up to 5 metres scanning range
- No range setting required
- Diagnostic and status indicators
- Two part system
- Dual electronic outputs
- 24V DC operation
- M12 connectors
- Very fast response time
- 1 year warranty
- IP65 protection rating

# Product Range

30mm Object Detection Capability			Range 0.5 to 5m
Model Number	Number of beams	Detection zone	Overall length mm
090-208	8	200	246
090-416	16	400	446
090-624	24	600	646
090-832	32	800	846
090-1040	40	1000	1046
090-1248	48	1200	1246
090-1456	56	1400	1446
090-1664	64	1600	1646

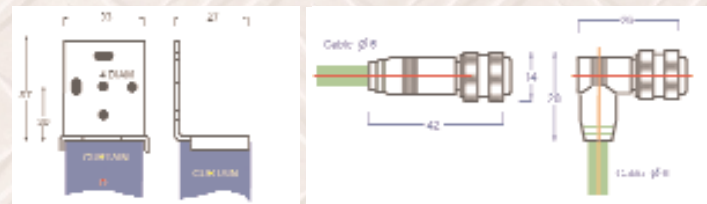


# Specification

Number of Beams	8 - 64
Object Detection	30mm
Detection Zone	200mm to 1600mm
Range	0.5 - 5m
Light Type	Infra-Red 880nm
Response Time	15ms standard (1ms option available)
Operating Temperature	0°C to +50°C
Light Curtain Enclosure	IP65 (HxWxD) Hx30x25mm
Status Indicators	Tx - Red = 'Beam 'ok' Tx - Yellow = 'Power' Rx - Red = 'Blocked' RX - Green = 'Clear' RX - Yellow = 'Power'
Power Supply	22 - 28 V DC Ripple <10% (diode protected)
Current Consumption	60mA per 8 beams
Light Curtain Connection	M12 4 core
Finish	Silver anodised aluminium extrusion
Classification	CE mark
Warranty	1 Year
<b>OUTPUTS</b>	
Outputs	2 x Electronic NPN 100mA

# Accessories

Model Number	Description
090-001	Mounting bracket kit
090-002	3m cable with straight plug
090-005	3m cable with angle plug
090-003	10m cable with straight plug
090-004	10m cable with angle plug



# Product Conformity

The 9000 Series is CE marked and together with our ISO 9001:2000 certification full confidence can be placed in the quality, reliability and above all the safety of Smartscan light curtains and equipment.

DISTRIBUTOR



Pywell Road · Corby · Northants · NN17 5XJ  
Tel: +44 (0) 1536 401313 Fax: +44 (0) 1536 268954  
Email: sales@smartscan.com

[www.smartscan.com](http://www.smartscan.com)



# SMARTSCAN Machinery Guarding Systems

## 9000 Series Light Curtains

9000 Series Light Curtains provide a cost effective solution for a variety of Industrial and Commercial sensing applications.

- Suitable for a variety of process control and (non-safety) machine protection applications
- Simple Installation & Alignment
- Fast Response Time
- 1 Year Manufacturers Warranty



**Industrial and Commercial Applications Include:**

- Parts Detection
- Picking Systems
- Profile Checking
- Machine Protection
- Presence Sensing
- Garment Counting, (Laundries)
- Product Counting
- Airport Baggage Counting
- Lifts and Automatic Shutter Doors
- Loading Bays
- People Monitoring
- Security Systems

**AND MANY OTHERS**

