



# DS2

## 957501000

DS2-05-07-060-JV

AREASCAN™ DETECTION AND MEASUREMENT LIGHT  
GRIDS WITH SERIAL OR ETHERNET INTERFACE

## OVERVIEW

- 6 or 25 mm resolution
- Relative measurement precision  $\pm 6$  mm or  $\pm 22.5$  mm
- 150 - 1650 mm controlled heights
- Operating distance up to 10 m
- PNP and 0-10 V Analog output and RS485 or Ethernet interface

## TECHNICAL FEATURES

### Detection properties

Nominal sensing distance	0,3...5m
Beams space	6,75mm
controlled height	588mm
number of rays	84
Sensitivity adjustment	Dip-switch/GUI

### Application

Function Principle	Emitter - Receiver
Description	Compact profile - res. 7 mm
Functions	Light array for detection and measurement

#### Outputs

Output type	PNP, 0-10 V, RS485
Response time	10ms

#### Electrical data

Operating Voltage	19,2...28,8VDC
No-Load supply current	< 250mA (emitter)
Load current	≤100mA
Output voltage drop	≤1,5V Iload = 100mA
LED indicators	Green (powerON) Yellow (state output) Red (failure)
Emission	Infrared (880nm)

#### Mechanical data

Dimensions	35x700x40
Material	Metal - Aluminium / PMMA
Housing material	Aluminium
Connections	M12 Plug
Active Head Material	PMAA

## Test/Approvals

Approvals

CE cULus

## Accessories

Supplied Accessories

Fixing brackets

## Generical Data

Dimensions

35x700x40

Operating Temperature

0°C...+ 50° C

Mechanical Protection

IP65

## **Datasensing S.r.l.**

Strada S.Caterina, 235  
41122 Modena (MO)  
Tel. 059 420411  
Fax 059 253973  
E-mail  
info@datasensing.com

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