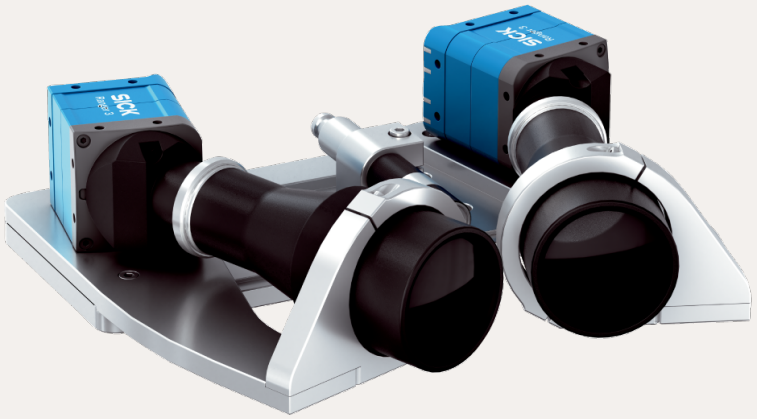
SICK.COM

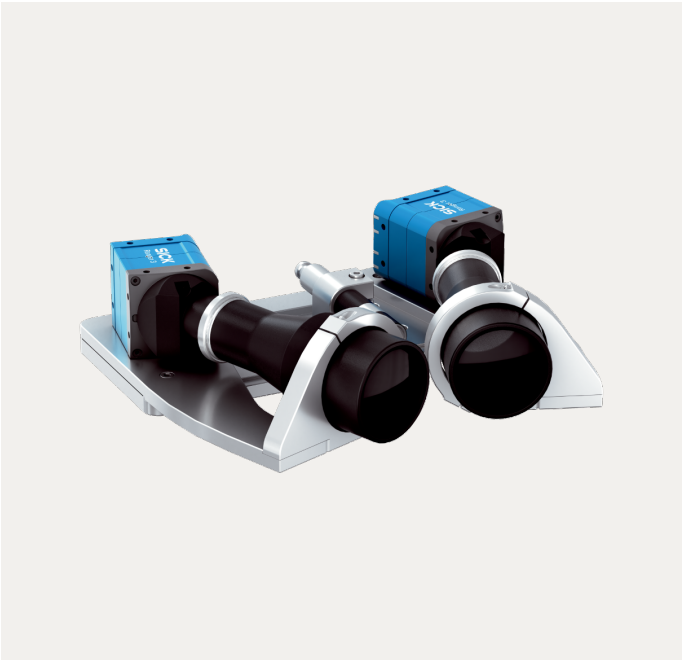


DATA SHEET

PINS Duo-D

Pinspector 3D
Quality control systems

SICK Sensor Intelligence



QUALITY CONTROL SYSTEMS

PINS Duo-D

ORDERING INFORMATION

Type	part no.
PINS Duo-D	On request

Further device versions and accessories at www.sick.com/Pinspector_3D

DETAILED TECHNICAL DATA

FEATURES

Technology	3D laser triangulation
System features	Combination of cameras, laser and user-friendly software
Laser class	2M
Depth of field	60 mm
Field of view width	≤ 42 mm
Lens	Bi-telecentric lens with Scheimpflug adjustment

MECHANICS/ELECTRONICS

Dimensions, system (L x W x H)	270 mm x 75 mm x 295 mm
Housing dimensions (W x D x H)	270 mm x 75 mm x 295 mm
Supply voltage	24 V DC
Weight	3,500 g

PERFORMANCE

Throughput speed	10 mm/s, 100 mm/s,
Typical scanning speed	120 mm/s, for press-fit 80 mm/s, for connector
Typical repeatability	99.5 %

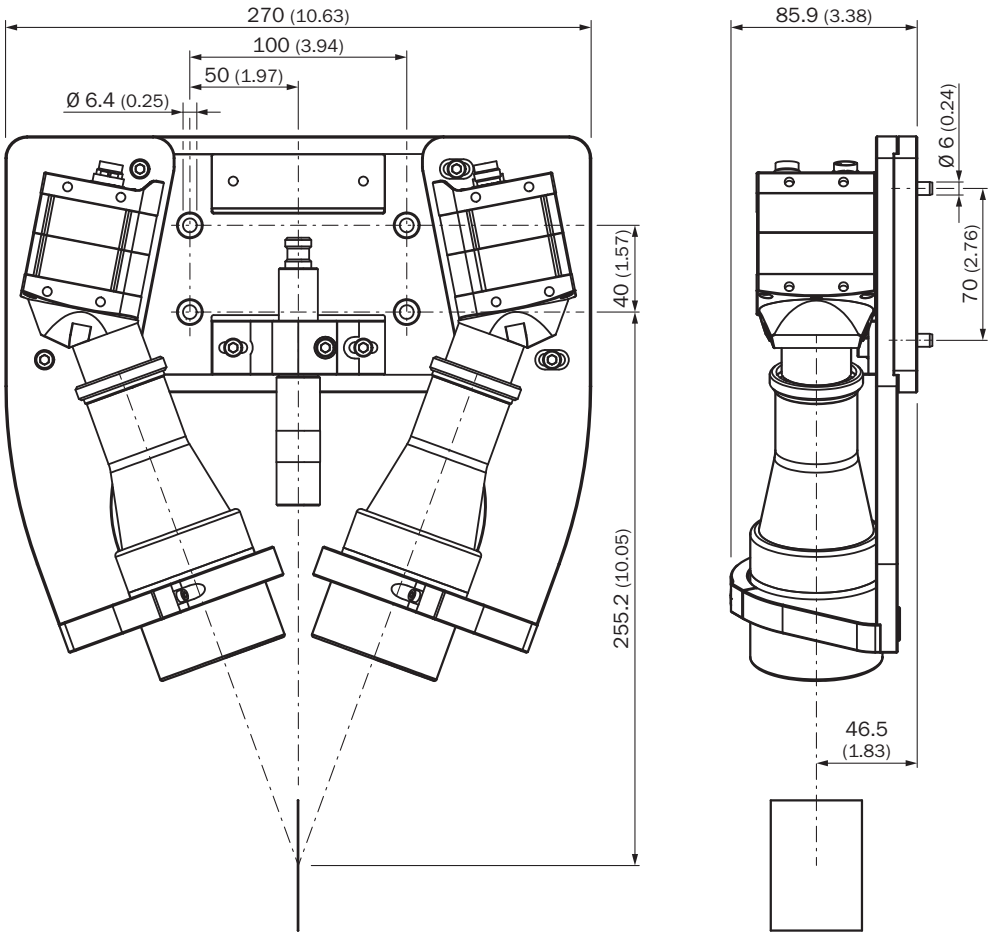
INTERFACES

Ethernet	
Protocol	TCP/IP
Switching outputs	6
Switching inputs	6

AMBIENT DATA

Ambient temperature, operation	0 °C ... +50 °C
Ambient temperature, storage	–20 °C ... +70 °C

DIMENSIONAL DRAWING



Dimensions in mm (inch)

Further information as well as suitable accessories, example applications and downloads such as CAD dimensional models, operating instructions and software can be found at www.sick.com/Pinspector 3D

SICK AG
WALDKIRCH
GERMANY
SICK.COM

SICK AT A GLANCE

SICK is a leading global technology company for intelligent sensors and integrated solutions in industrial automation. Our technologies set benchmarks, making your industrial processes more efficient, safer and more sustainable – both in logistics and manufacturing operations.

SICK combines sensor intelligence with industry expertise and certified consulting services. We provide the ideal foundation for scalable as well as tailor-made automation solutions and create added value along the entire value chain. Our close partnerships with our customers are more than just a promise: Together, we optimize productivity, improve quality, protect health and safety, and help build a sustainable future. All with empathy and trust.

Since 1946, we have been developing innovative technologies with passion and a pioneering spirit. With a global network in around 40 countries, SICK has a global presence and is always close by. The company's headquarters are located in Waldkirch near Freiburg, Germany. Our customers benefit from our understanding of both local and global requirements, which enables us to deliver tailor-made solutions

SICK

Sensor Intelligence