

## Highlights

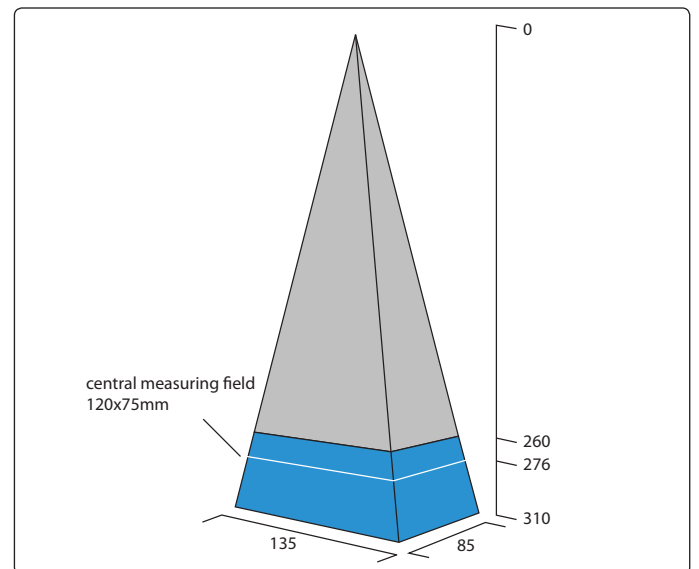
- Optical 3D-Sensor based on digital fringe projection
- Metric calibration
- Data output as 3D point cloud, gray-scale coded area map or 2D image
- GenICam TL compliant
- M12 industrial standard connectors
- Aluminium housing
- M6 mounting holes
- IP65 protection
- Measuring field sizes from few square millimetres to one square meter available on request
- OEM solutions available

## Sensor Characteristics

- Central measuring field 120x75mm
- Min. working distance 260mm
- Max. working distance 310mm
- Height of measurement volume 50mm
- Lateral measuring point distance 0.16mm
- Achievable z-accuracy 0.02mm
- Measuring field at max. working distance 135x85mm
- lateral measuring point distance at max. working distance 0.18mm
- Min. projection time (time the object has to stand still) < 0.5sec
- 3D data calculation period < 2sec

## Data Transfer Characteristics

- GenICam TL compliant
- Interfaces to CommonVisionBlox and HALCON
- Viewer software included
- 100MBit Ethernet interface



### Pin Assignment

①	②	③
<b>Power</b>	<b>Trigger/Strobe</b>	<b>Ethernet</b>
A-coded M12-male	A-coded M12-female	D-coded M12-female
Pin1 24V Pin2 24V Pin3 GND Pin4 GND	Pin1 Trigger Pin2 Strobe Pin3 GND Pin4 GND Pin5 GND	Pin1 Tx+ Pin2 Rx- Pin3 Tx- Pin4 Rx-

