

- 12 Mega Pixel image chip
- Robust against harsh environment, IP67
- Up to 14.000 Profile/s
- Gigabit Ethernet connection
- GeniCam / GigE Vision Interface



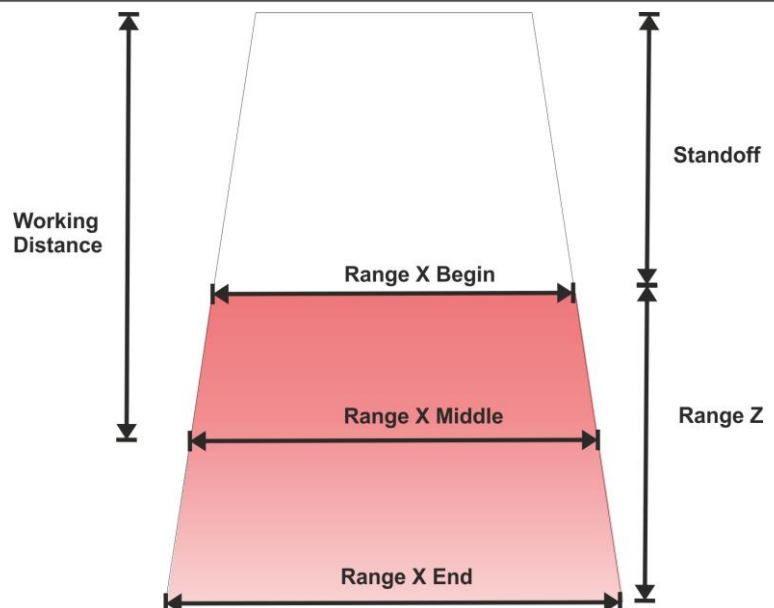
Scanner Type
Range Z [mm]
 Extended Z Range [mm]**
 Range X Begin [mm]
Range X Middle (nominal) [mm]
 Range X End [mm]
 Working Distance z-Range Middle [mm]
Resolution in x [µm]
 Resolution in z [µm] *(numerical best case)
Resolution in z [µm] (real example: Steel)
 *numerical resolution with 6 subpixel

Q6-C						
45	90	185	250	410	700	1100
30	70	80	150	250	300	800
45	90	185	250	410	700	1.100
40	80	128	153	221	378	427
45	81	146	182	289	495	840
50	97	168	210	361	621	1.280
120	200	205	400	375	400	744
10,99	19,78	35,64	44,00	70,56	120,85	205,08
0,24	0,47	0,87	1,38	2,18	3,74	10,35
3,55	7,09	12,98	20,63	32,64	56,10	155,32

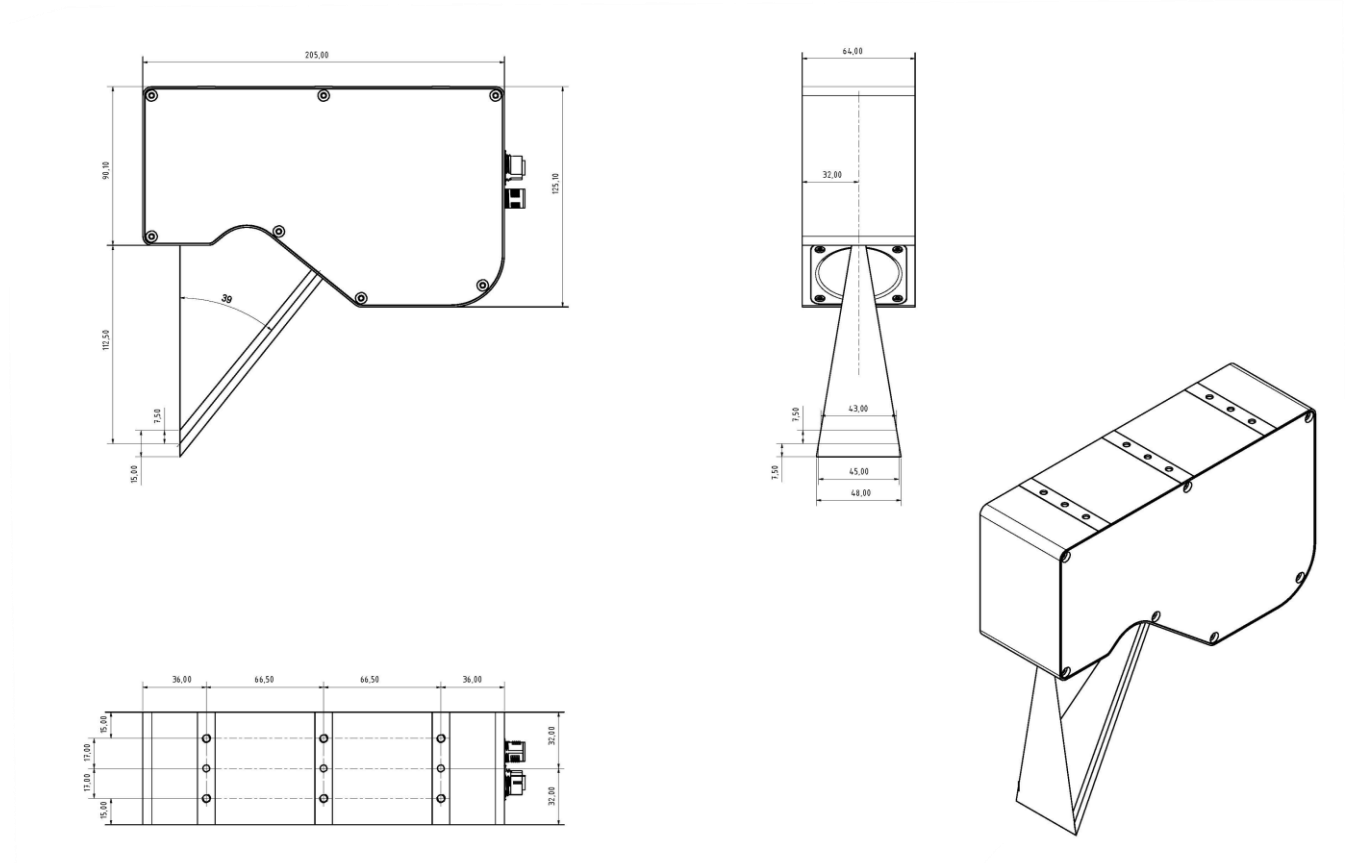
Adjustable Algorithms & Settings

Synchr. Modes
Communication Protocoll
Digital Outputs
Encoder Input
Power Consumption
Supply Voltage
Storage Temperature
Humidity
Ambient Light max
Ethernet Connection
Supply Connection
Trigger
Weight
Operating Temperature
Optional Laser Wavelength
Laser Class

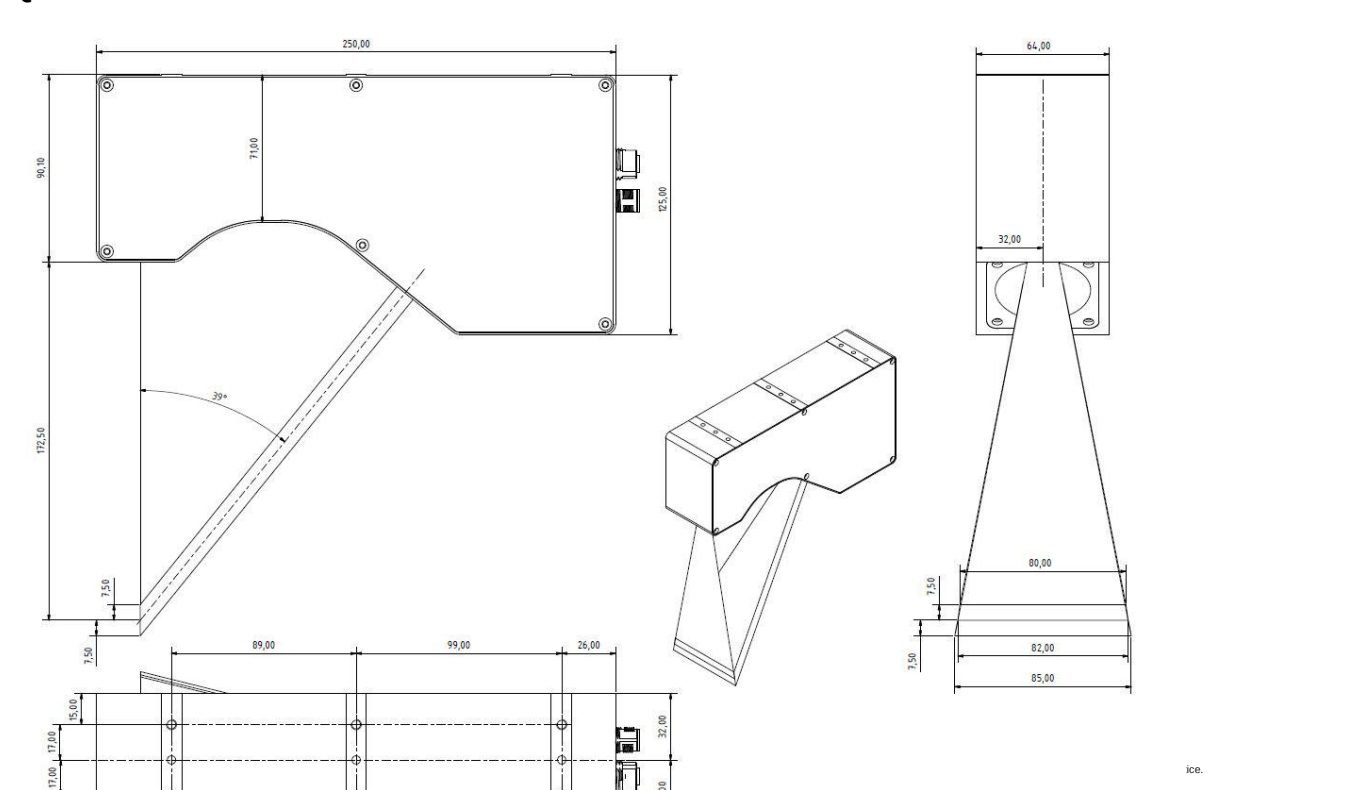
COG, Max Threshold, High Dynamic Range, Savitzky-Golay-Filters
 Hardware Trigger, Software Trigger
 GigE Vision / GeniCam
 2 Outputs
 RS422
 24 W
 24 V
 -20°C ... +60°C (non-condensed)
 < 80% RH
 10000 lux
 M12 Gigabit Ethernet
 M12
 2 Input Trigger, 5V ... 24 V
 approx. 1,6 ... 2 kg depending on model
 +15°C ... +40°C (non-condensed)
 660nm, 405nm
 2M / 3R / 3B depending on Laser option



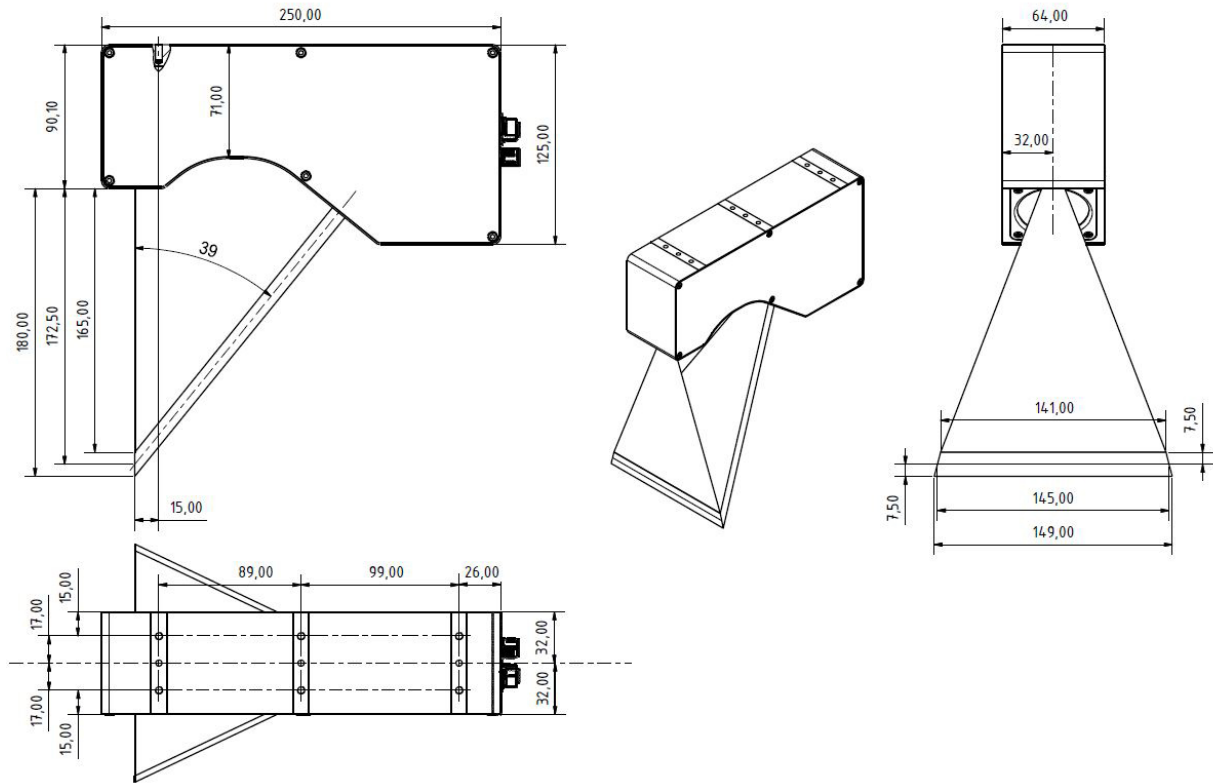
Q6-45



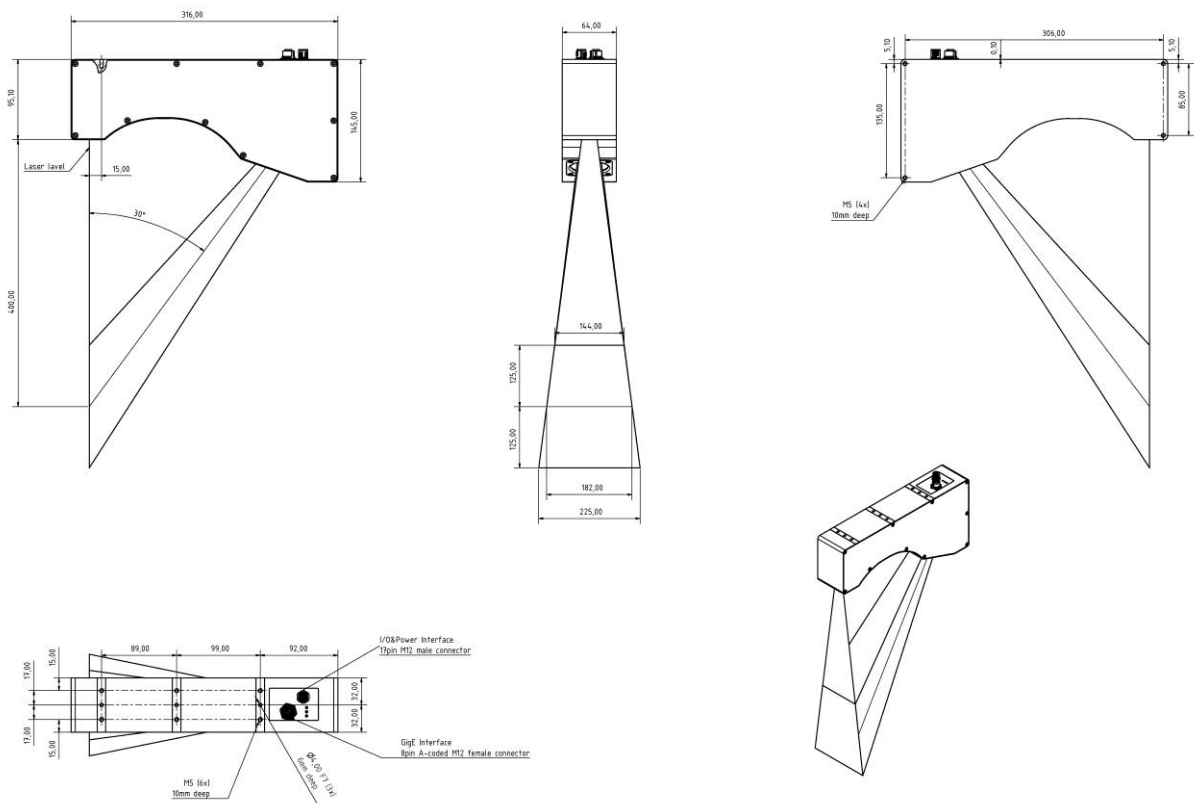
Q6-90

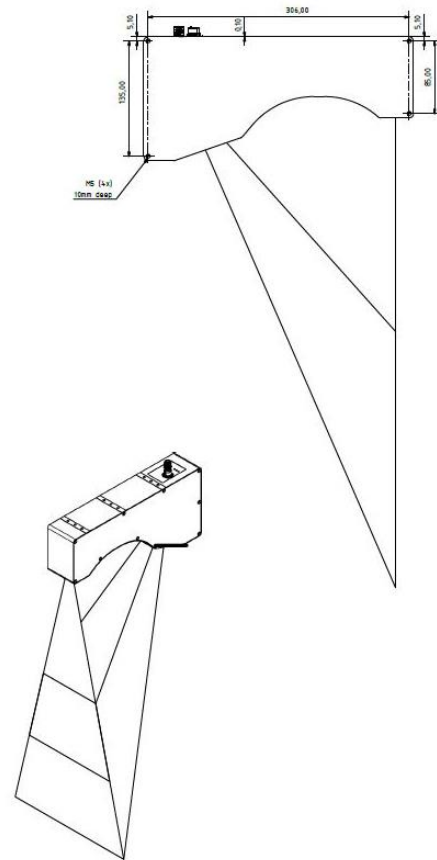


Q6-185

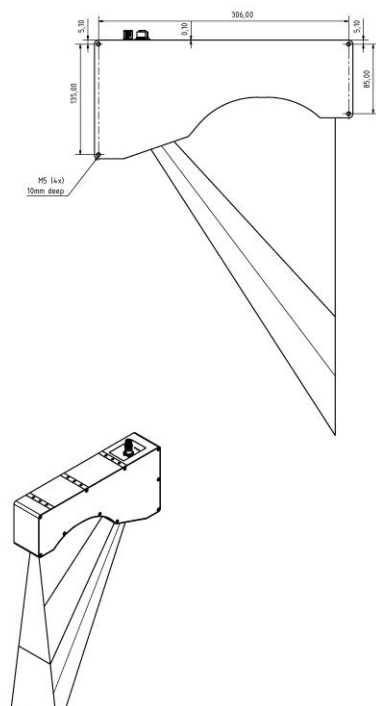


Q6-250





Technical drawings of the GIG-Interface, including a top view, a side view, and a front view. The top view shows a rectangular base with a semi-circular cutout and a 30-degree angle. The side view shows a trapezoidal shape with a 30-degree angle. The front view shows a rectangular base with a semi-circular cutout and a 30-degree angle. Dimensions are provided in millimeters.



Technical drawing of a 3D-printed part, showing three views: front, top, and side. The drawing includes various dimensions and annotations.

Front View Dimensions:

- Overall height: 1144
- Top width: 1270
- Bottom width: 850
- Left side height segments: 744, 400, 400
- Right side height segments: 951, 21, 145
- Top edge width: 316
- Top edge hole diameter: 15
- Top edge hole position: Z
- Top edge hole detail: Z (2:1) contact surface

Top View Dimensions:

- Overall width: 306
- Overall depth: 135
- Top edge hole diameter: 15
- Top edge hole position: Z
- Top edge hole detail: M5 (6x) 10mm deep

Side View Dimensions:

- Overall height: 135
- Top edge hole diameter: 15
- Top edge hole position: Z
- Top edge hole detail: M5 (6x) 10mm deep

Detail View Dimensions:

- Slot width: 17
- Slot depth: 6mm
- Slot position: F1 (3x)
- Slot detail: 36, 89, 99
- Slot detail: M5 (6x) 10mm deep