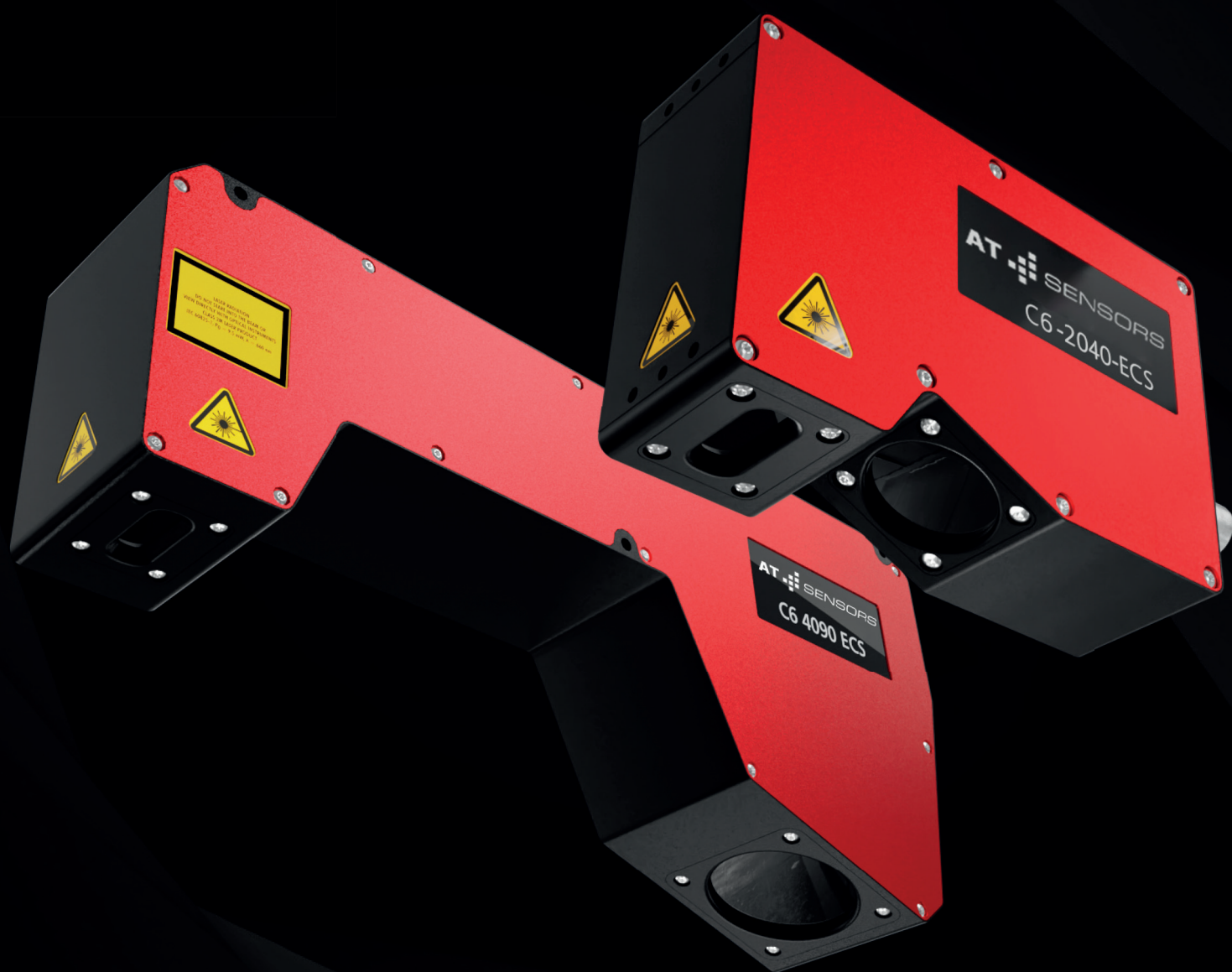




C6 Series **ECS Sensors**

ECS

Eco Compact Sensor



ECS Series

- ✓ Price-performance ratio: Cost-effective 3D sensor for demanding applications
- ✓ Software standards for easy integration: GigE Vision, GenICam, and third-party software support
- ✓ Cross-industry application: Ideal for the food industry, logistics, and robot vision

Product Overview

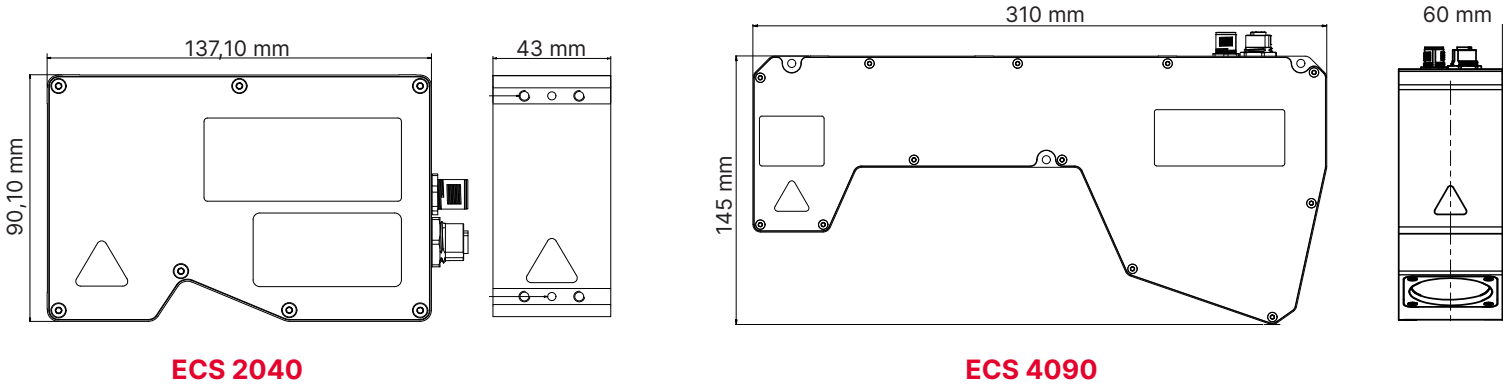
Models

Model Name	Points	Working Distance (mm)	X-FOV (mm)	Z-Range (mm)	Resolu- tion X Nominal (µm)	Resolu- tion Z (µm)	Profile Speed at 200 rows	Max. Profile Speed
C6-S7-2040-ECS-23-100-106-SX-1G-660-2M	2048	106	102	60	49	1.9	1.8 kHz	25 kHz
C6-S7-2040-ECS-14-160-197-SX-1G-660-2M	2048	197	162	120	78	4.9	1.8 kHz	25 kHz
C6-S7-4090-ECS-30-288-400-SX-1G-660-2M	4096	400	284	250	71	2.1	2 kHz	24 kHz
C6-S7-4090-ECS-18-575-740-SX-1G-660-2M	4096	744	576	500	140	7.0	2 kHz	24 kHz
C6-S7-4090-ECS-18-1020-740-SX-1G-660-2M	4096	744	1020	900	249	12.5	2 kHz	24kHz

Technical Data

Laser Wavelength	660 nm
Laser Safety Class IEC	2M
Interface	Gigabit-Ethernet
Inputs	- Encoder A+, A -, B+, B -, Z+, Z- (TTL Level) - Two freely configurable digital inputs (+5 to +24 VDC)
Outputs	Two freely configurable digital outputs (+5 to +24 VDC)
Power Supply	- Sensor supply +10 to +24 VDC (max. +27 VDC) - Laser supply +10 to +24 VDC
Housing	Anodized aluminum , IP54
Environmental Conditions	- Operating temperature 0 ° C to +40 °C - Storage temperature 20 °C to +80 °C - Humidity 20 % to 80 %
Vibration/Shock	- Vibration resistance (sinusoidal): DIN EN 60068-2-6: 2008-10: 2 g, 10-150 Hz - Vibration resistance (random): DIN EN 60068-2-64: 2020-09: 7 g, 10-500 Hz - Shock resistance: DIN EN 60068-2 27: 2010 02: 15 g, 3 ms
Standards	GenICam, GigE Vision
Features	Automatic Region-Tracking, Automatic Region-Search, Multiple Regions, MultiPart, AutoStart, History Buffer, Multi-Slope, MultiPeak

Technical Drawings



ECS 2040

ECS 4090



Learn more about our **ECS Sensors**:
www.at-sensors.com



AT - Automation Technology
Hermann-Boessow-Str. 6-8
23843 Bad Oldesloe
Germany

Phone: +49 (0)4531 88011- 66
Email: sales@at-sensors.com
Web: www.at-sensors.com