

AC40 - Axial Camera

<https://ehle-hd.com/en/product/ac40-axial-camera-2/>



The **self-leveling axial camera AC40** with upright image is ideally suited for the AGILIOS push camera system. The application range starts at DN50 and offers 90° bend mobility from DN75. Its high-quality and extremely robust design, as well as its excellent optical properties, round off the smallest camera head.

Optionally available with full HD resolution and for the EX zone.

Features

- for the inspection of nominal pipe diameters DN50 to DN200 mm (90° bendable from DN75)
- for connection to IPEK AGILIOS push camera systems
- self-leveling camera (upright image)
- Easy to service (modular and simple design)
- CMOS color camera, for improved image quality
- Newly designed mugel, for fast set-up (less than 30 seconds)
- Strong, homogeneous illumination thanks to focused LED lighting
- Light control from 0 to 100
- Extremely robust stainless steel housing
- Impact-resistant illumination ring
- Scratch-resistant camera front glass (sapphire glass)
- High light sensitivity
- Upright image (in axial view)
- Easy locating thanks to a powerful multi-frequency locating coil

Technical data:

- Pressure tightness: up to max. 1 bar
- Illumination: with 5 focused high-performance LEDs
- Viewing angle: Horizontal viewing angle 100°
- Focus: 6 cm to 120 cm
- Exposure control: Automatic

- Light sensitivity: 2.0 lux
- Upright image: Yes (in axial view)
- Positioning: 512 Hz/640 Hz/33 kHz (can be switched on and off)
- Internal pressure sensor: Yes
- Protection class: IP68 up to 10 m water depth
- Ambient temperature range: 0°C to 40°C
- Storage temperature range: -20°C to 70°C
- Material: Stainless steel
- Dimensions: (ØxL) 40 x 252 mm
- Weight: 0.65 kg

Scope of delivery:

- 1x AC40 / AC40 HD camera probe
- 1x transport case
- 1 x centring skid D62
- 1x centring skid D75
- 1 x centring skid for plug connection D75
- 1x Torx screwdriver
- 1 x pressure valve
- 1x grease
- 2x hook wrench

Attributes

Image	SKU	Productname	Attributes	LxWxH & Weight
	IP596-0900-05	AC40 - Axial Camera	work range: 50 - 200 mm system: AGILIOS resolution: SD	252 × 40 × 40 mm 0.65
	IP596-0900-74	AC40 - Axial Camera (ATEX)	work range: 50 - 200 mm system: AGILIOS resolution: SD use: ATEX-Zone 2 ATEX Zone 1	252 × 40 × 40 mm 0.65
	IP596-3900-00	AC40 HD - Axial Camera	work range: 50 - 200 mm system: AGILIOS resolution: Full-HD	252 × 40 × 40 mm 0.65
	IP596-3900-70	AC40 HD - Axial Camera (ATEX)	work range: 50 - 200 mm system: AGILIOS resolution: Full-HD use: ATEX-Zone 2 ATEX Zone 1	252 × 40 × 40 mm 0.65