



EN-sure USB HD camera
Smart. Flexible. Compact.

The revolution in industrial endoscopy





The innovative all-in-one system

The **EN-sure** USB HD camera is a compact and exceptionally versatile system, suitable for all rigid and fiber optic endoscopes. No matter how difficult the on-site conditions are, thanks to its small dimensions and easy operation, the system is ready to use after just a few seconds. It delivers razor-sharp images and videos in HD quality - for precise and significant diagnoses.

The high-intensity LED light source is integrated into the system and therefore eliminating the need for any separate light source and control unit.

Grab the camera, connect your notebook, PC or tablet and get started right away. No software is required – you can store your inspection results directly on the connected device.

The **EN-sure** USB HD camera is a powerful inspection tool for the industrial use with an exceptionally low purchase price.

APPLICATION AREAS

- Mobile and stationary applications in connection with the **EN-sure** camera system
- Quality assurance
- Inspection of
 - cast parts
 - turned and milled parts
 - aircraft engines
 - large and small engines
 - and many more.

MEASUREMENTS



THE SYSTEM



C-MOUNT OPTICAL ADAPTOR

Standardized C-mount thread, interchangeable HD camera adaptors available with focal lengths of 14 - 35 mm.

PROGRAMMABLE FUNCTION KEYS

Intuitive and easy operation with 3 function keys e.g. for illumination regulation or white balance.

USB 3.0 / USB-C EASY PLUG & PLAY

To be connected to a notebook or tablet – with or without software.

HIGH COMPATIBILITY

Compatible with nearly all available industrial endoscopes.

INTEGRATED LIGHT SOURCE

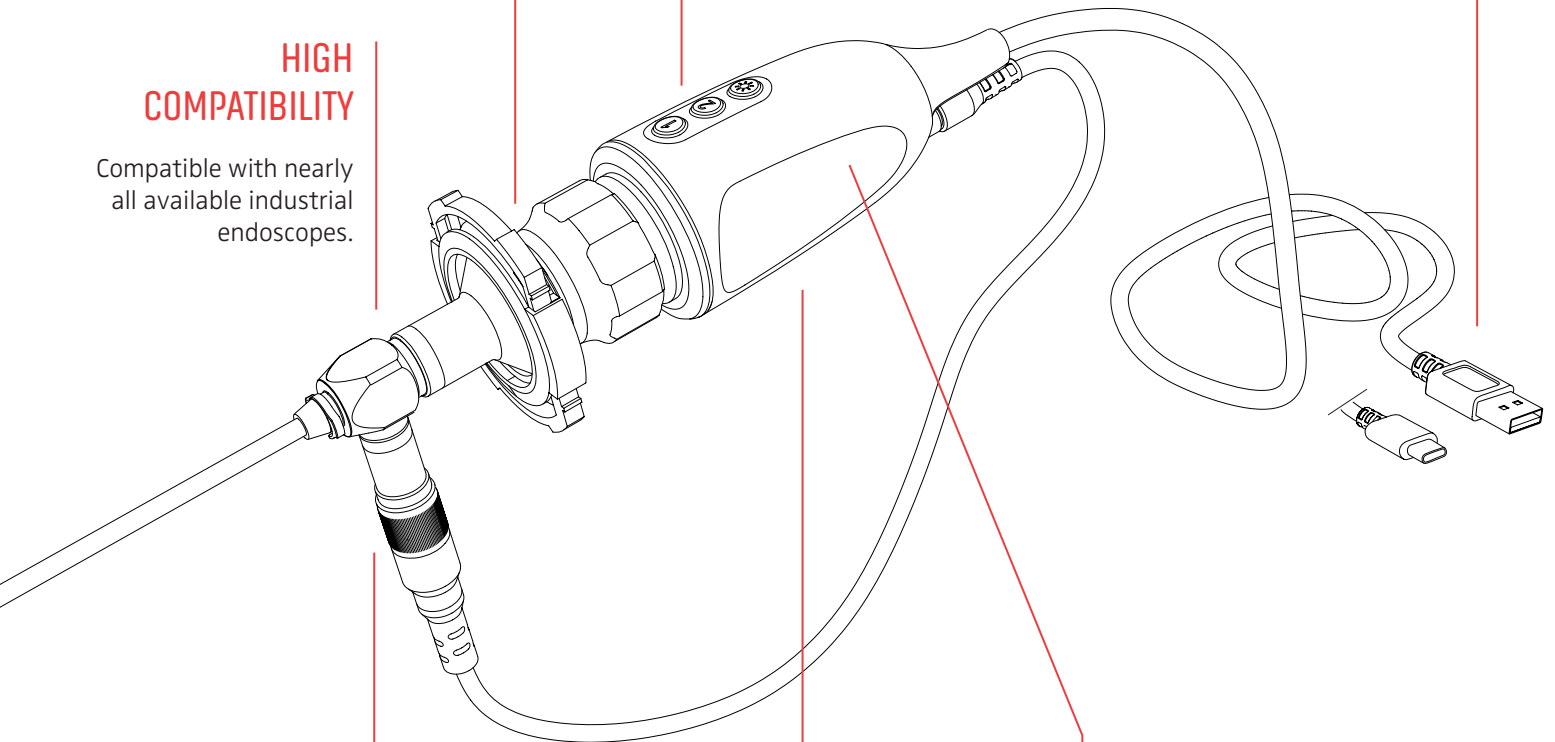
LED cold light source with a high intensity of over 100,000 Lux.

IP58 LEAKAGE TESTED

Protected for the permanent application in rough industrial environment.

ERGONOMIC AND LIGHT DESIGN

Ergonomic design and low weight (200 g) for fatigue-free work.



TECHNICAL DATA

CAMERA

Video Format	1920 x 1080, 60fps, MP4
Sensor	CMOS
Length of camera	3 meter
Video output	HDMI
Optical adapter	C-mount
SD Card	128 G
Water proof (handle)	IPX8
LCD screen display	1280 x 720
Mini LED light source	2 watt, Max. 282,000lux
Cool light box	48 watt

Light sources



LQ-LED-200 Stationary LED light source

Light intensity 900,000 Lux
Color temperature 5,500 K
incl. separate power supply and robust case



LQ-HH-10W portable battery LED light source

Performance 3-10 W (3 steps)
Color temperature 5.700 K
Light intensity 200,000 Lux



LQ-HH-DS portable inductive battery LED light source

Performance 3-10 W (4 steps)
Color temperature 6,000 K
Light intensity 120,000 Lux

LED LIGHT SOURCE

Light intensity	> 100,000 Lux
Performance	5 W
Color temperature	5,700 K
Durability	20,000 h
Connection cable length	500 mm

Cameras and documentation systems



EN-sure

HD camera with USB 3.0 / USB-C connection incl. white light LED light source



EN-sure Plus stationary LED light source with docking function, usable in connection with **EN-sure Plus**



EN-mobil

Mobile camera, attachable



HD Camera adaptor

to be connected on all C-mount threads, focal length 14 mm / 18 mm / 22 mm / 25 mm / 28 mm / 35 mm / Zoom (18 - 35 mm)



MANUFACTURE

We know the special requirements of many industries and manufacture customized endoscope solutions for precise and significant inspections.

SALES

With us you will find the right endoscope for every application. We offer you an extra large endoscope range with qualified expert consultation.

SERVICE

We repair endoscopes of all well-known manufacturers and provide you with a loan replacement during the repair time. Additionally, our specialists also perform endoscopic examinations upon request.

ENDO INDUSTRIAL GmbH & Co. KG

Keplerstraße 47
D - 78549 Spaichingen

T +49 (0) 7467 / 910 304 - 0
F +49 (0) 7467 / 910 29 89

info@industrieendoskope.de
www.industrieendoskope.de

