



EN·sure 4K

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

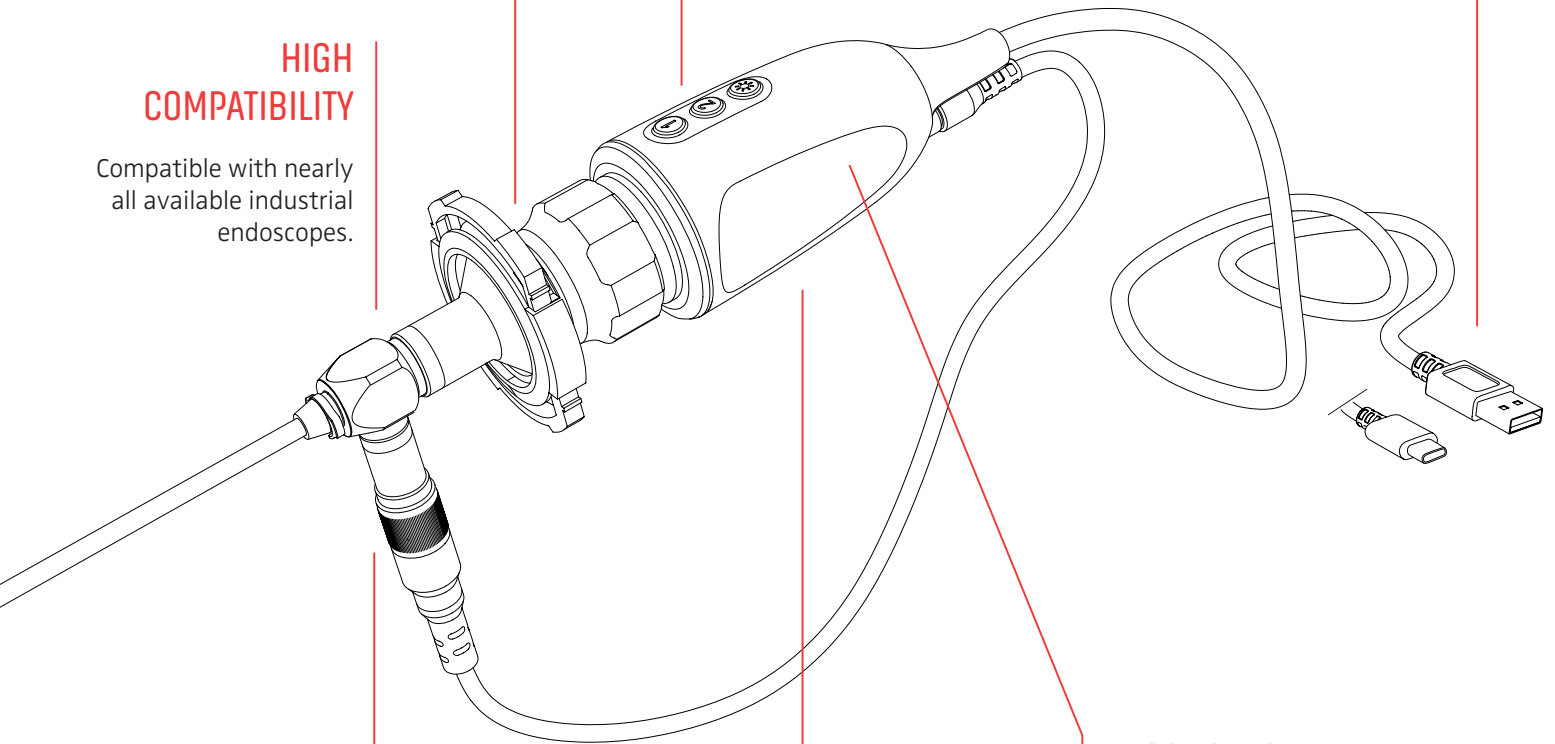
Intuitive and easy operation with 3 function keys e.g. for illumination regulation or white balance.

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

Resolution	1920(H) x 1080(V) 60 frames
Screen size	17.3", 4K quality display screen
Photo format	JPG
Video format	MP4
Power supply	80W, 5V 12A
Color index	Ra > 92
Product size	413 mm (length) x 291 mm (width) x 40 mm (thickness)
Weight	4 KG

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-mobil

Mobile camera, attachable



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



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

