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AGILIOS push camera system - XR100 HD

https://ehle-hd.com/en/product/agilios-push-camera-system-xr100-hd/

The **latest generation AGILIOS XR100 HD IPEK push camera system** with 100 m push rod cable offers you everything you need to inspect pipes from DN50, document your results and create reports for on-site handover or for further processing with the integrated damage catalogs and the WinCan interface in the office software.

The basis for this is the ultra-light design of the coiler with maximum stability for use on the construction site, with which you can inspect for up to 6 hours on battery power. This allows you to master even hard-to-reach inspection locations. Thanks to the variable operating and positioning options, the system offers the most ergonomic working conditions possible in all positions.

The modular set of the AGILIOS pipe camera gives you the freedom to decide whether you need a simple inspection system or a professional documentation solution. If you realize later that you want to do more, you can simply upgrade your AGILIOS system.

Optionally available for the EX zone.

Features

Control panel VC500

- robust multifunctional, portable control panel and daylight-compatible touch screen with high resolution
- easy operation even with work gloves
- data can also be entered on the VC500 using a USB keyboard and mouse
- two 2-axis joysticks with push function for precise control of crawler and camera functions
- control panel for AGILIOS and ROVION inspection systems
- suitable for daylight and construction sites (protection class IP55)
- import and export inspection reports quickly and easily
- simple data exchange (USB, W-LAN & LAN)
- documentation in accordance with common standards (ATV, DWA, Isybau etc.) including VisionReport II "Standard" software
- modular expandable software

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- video recording resolution can be set according to customer requirements (Full HD, HD & SD)
- selectable video resolutions: Full HD (1920x1080 px), HD (1280x720 px), SD (640x360px)
- internal memory: 128 GB

100 m Coiler XR100 HD

- Ø 11 mm push cable with 100 m length (optionally also available with 60 m push cable)
- compact and robust aluminum frame
- canually adjustable basket brake
- ball head for control panel mounting
- internal meter counter
- exchangeable e-box
- battery or mains operation possible
- interfaces: 1x control panel, 2x battery, 1x analog video OUT, 1x WiFi, external power supply (1x AC IN, 1x DC IN)
- dimensions (WxHxD): approx. 578 x 706 x 323mm
- weight: approx. 16 kg (incl. 60m eel)
- bag (e.g. for accessories)

Axial camera AC40 HD

- axial camera AC40 with upright image (self-levelling)
- for nominal pipe diameters 50 - 200 mm, bend capability from DN75 / 90˚
- Full HD resolution 1920x1080 px
- robust stainless steel housing, pressure-tight up to 1 bar, integrated pressure sensor
- integrated multi-frequency remote transmitter (512Hz / 640Hz / 33kHz)
- illumination ring with 5 focussed high-power LEDs
- pressure-resistant up to 1 bar with integrated pressure sensor
- dimensions (Ø x L): 40 x 250mm (incl. spring and connector plug)
- weight: approx. 0.65 kg
- incl. transport case, tools, 3 sliding balls

Pan & tilt camera PTP50II HD

- use in push mode from DN60 to DN300
- Full HD resolution 1920x1080 px
- strong, homogeneous illumination thanks to adjustable LED lighting
- 90˚ bendable from DN75
- bendable with lateral pin

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- with extremely robust stainless steel housing, integrated stainless steel impact protection
- replaceable camera front glass (sapphire glass)
- pressure-resistant up to 1 bar with integrated pressure sensor
- integrated laser for diameter and crack width measurement
- integrated multi-frequency locating coil (512Hz/640Hz/33 kHz)
- 500 TVL horizontal resolution
- 100° diagonal viewing angle
- can be swivelled from -90° to + 122° and endless rotation
- focus from 1mm to infinity
- light-sensitive from 0.4 lux, aperture (fixed)
- incl. transport case, tool, sliding ball and 2 lateral pins

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Attributes

Image	SKU	Productname	Attributes	LxWxH & Weight
	IP-HD-AGILIOS-100M-Axial	Agilios XR100 HD - Axial complete set	**type**: complete set **camera**: AC40 axial camera **work range**: 50 - 200 mm **length**: 100 m **resolution**: Full-HD	645 × 856 × 474 mm 33.3
	IP-HD-AGILIOS-100M-Roto	Agilios XR100 HD - Pan & Rotate complete set	**type**: complete set **camera**: PTP50II Pan & Rotate **work range**: 60 - 300 mm **length**: 100 m **resolution**: Full-HD	645 × 856 × 474 mm 33.5
	IP-HD-AGILIOS-100M-Duo	Agilios XR100 HD - duo complete set	**type**: complete set **camera**: AC40 axial camera PTP50II Pan & Rotate **work range**: 50 - 300 mm **length**: 100 m **resolution**: Full-HD	645 × 856 × 474 mm 34.2
	IP-HDEX-AGILIOS-100M-Axial	Agilios XR100 HD - Axial complete set (ATEX)	**type**: complete set **camera**: AC40 axial camera **work range**: 50 - 200 mm **length**: 100 m **use**: ATEX-Zone 2 ATEX Zone 1 **resolution**: Full-HD	645 × 856 × 474 mm 33.3
	IP-HDEX-AGILIOS-100M-Roto	Agilios XR100 HD - Pan & Rotate complete set (ATEX)	**type**: complete set **camera**: PTP50II Pan & Rotate **work range**: 60 - 300 mm **length**: 100 m **use**: ATEX-Zone 2 ATEX Zone 1 **resolution**: Full-HD	645 × 856 × 474 mm 33.5
	IP-HDEX-AGILIOS-100M-Duo	Agilios XR100 HD - duo complete set (ATEX)	**type**: complete set **camera**: AC40 axial camera PTP50II Pan & Rotate **work range**: 50 - 300 mm **length**: 100 m **use**: ATEX-Zone 2 ATEX Zone 1 **resolution**: Full-HD	645 × 856 × 474 mm 34.2