THE PORTABLE INDUSTRIAL

VIDEOSCOPE

viZaar industrial imaging AG



Ø FROM 2.4 MM
UP TO 6 M PROBE LENGTHS

HIGH-PRECISION INSPECTION

Welcome to the world of cutting-edge inspection with the iPLORE X videoscope. Designed to meet the needs of non-destructive testing professionals across all industrial sectors, the iPLORE X offers an unmatched combination of precision, reliability, and versatility. Featuring advanced capabilities such as a fully motorized 360° articulation, an Android-based operating system, Dual View Live with dual-sensor probes...

The iPLORE X pushes the boundaries of video inspection. Whether you work in the automotive, aerospace, oil, or any other industry, the iPLORE X is the perfect tool for efficient and accurate inspections.



Discover the power of cutting-edge inspection with the **iPLORE X** today.

X FOR X-TRAORDINARY

Single-Handed Mastery in the Field

The **iPLORE X** features advanced 360° mechanical articulation technology, giving you total flexibility and precise maneuverability through even the most winding and complex ducts.

Designed for rugged durability and direct responsiveness, the mechanical joystick puts immediate, reliable control right under your thumb. This intuitive, single-thumb operation allows you to hold and manipulate the entire videoscope seamlessly with one hand. By maximizing ergonomic efficiency, it leaves your other hand completely free to steady, rotate, and guide the probe into position, ensuring maximum control and faster, more accurate inspections in the field.

X-WAY ARTICULATION

Exceptional image quality.

The **iPLORE X** videoscope redefines visual clarity for your most critical inspections, turning every diagnosis into an absolute certainty. Equipped with a brilliant 5-inch Full HD (1920x1080) LCD touchscreen, it delivers the high precision required to detect the smallest micro-cracks, flaws, and foreign objects with ease.



Pairing powerful, ultra-bright illumination with high-performance 1080P probes and premium optical sensors, the system reveals hidden details even in the darkest, most confined spaces. With an optimized depth of field and unmatched sharpness, the **iPLORE X** ensures exceptional image fidelity-giving you the flawless visibility and confidence you need to make critical decisions on the spot.

Swap & Go. Zero Downtime.

The **iPLORE X** sets a new Plug & Play standard for operational flexibility with its swappable batteries and interchangeable probes. Instantly switch from specialized microprobes to high-definition 1080p models to adapt to any challenge on the fly.

Supported by a rugged carrying case featuring dual probe and battery slots, you can easily double your runtime and swap configurations in seconds. Combined with fast-charging capabilities, this built-in power reserve guarantees non-stop performance and zero downtime during your most critical diagnostics.

PLUG & PLAY

STATE-OF-THE-ART TECHNOLOGY



The iPLORE X processing unit

IP65 protection rating

Fully protected against dust and water splashes.





AN ADVANCED PROCESSOR

5-inch 1280 x 720 touchscreen with touch-sensitive design

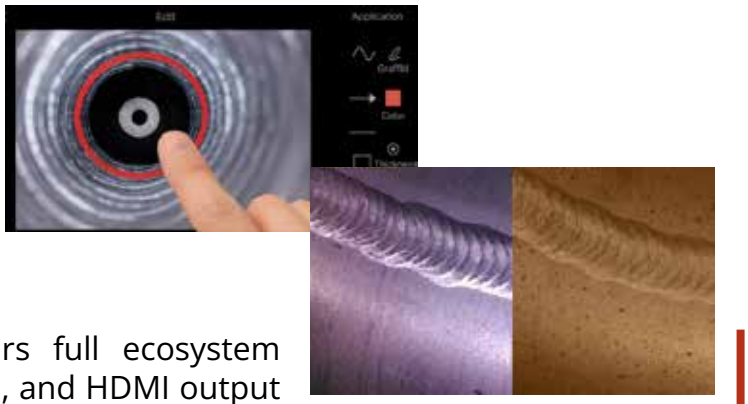
The **iPLORE X** videoscope delivers an exceptional viewing experience thanks to its 1280 x 720 HD display and intuitive touchscreen design. Operators benefit from high-definition resolution that allows them to see even the smallest details with remarkable clarity.

The touchscreen design simplifies interaction with the device, enabling quick and easy control of essential features.

Android operating system, digital functions, and ergonomic shortcut buttons

The iPLORE X combines cutting-edge diagnostic technology with an intuitive, user-friendly design to maximize your efficiency in the field and the office.

Powerful Digital Toolkit: Capture high-definition photos and videos, freeze images instantly, and add text annotations directly on-screen. Maximize your visibility with specialized sepia mode, image rotation, precision zoom, touch marking, and adjustable crosshairs. Organize files on the go with complete folder management (copy, rename, delete).



Field Efficiency: Designed for the real-world environment, the hardware features dedicated, physical direct-access buttons for core functions like photo capture and image freezing

Full Connectivity: The **iPLORE X** offers full ecosystem connectivity with built-in Wi-Fi, Bluetooth, and HDMI output for simplified file export and real-time screen sharing.

Connectivity and storage

The **iPLORE X** offers comprehensive connectivity to make it easy to share and use your data. Equipped with Wi-Fi and Bluetooth, it enables seamless file transfer.

The HDMI output enables real-time projection onto an external display. The device features 32GB of internal storage, expandable via an SD card (64GB SD card is included in standard kit), for your high-resolution captures. Thanks to the USB ports, you can also read or copy your reports directly to a USB flash drive, ensuring agile and professional file management.

MAXIMUM FLEXIBILITY

Ø des sondes en mm

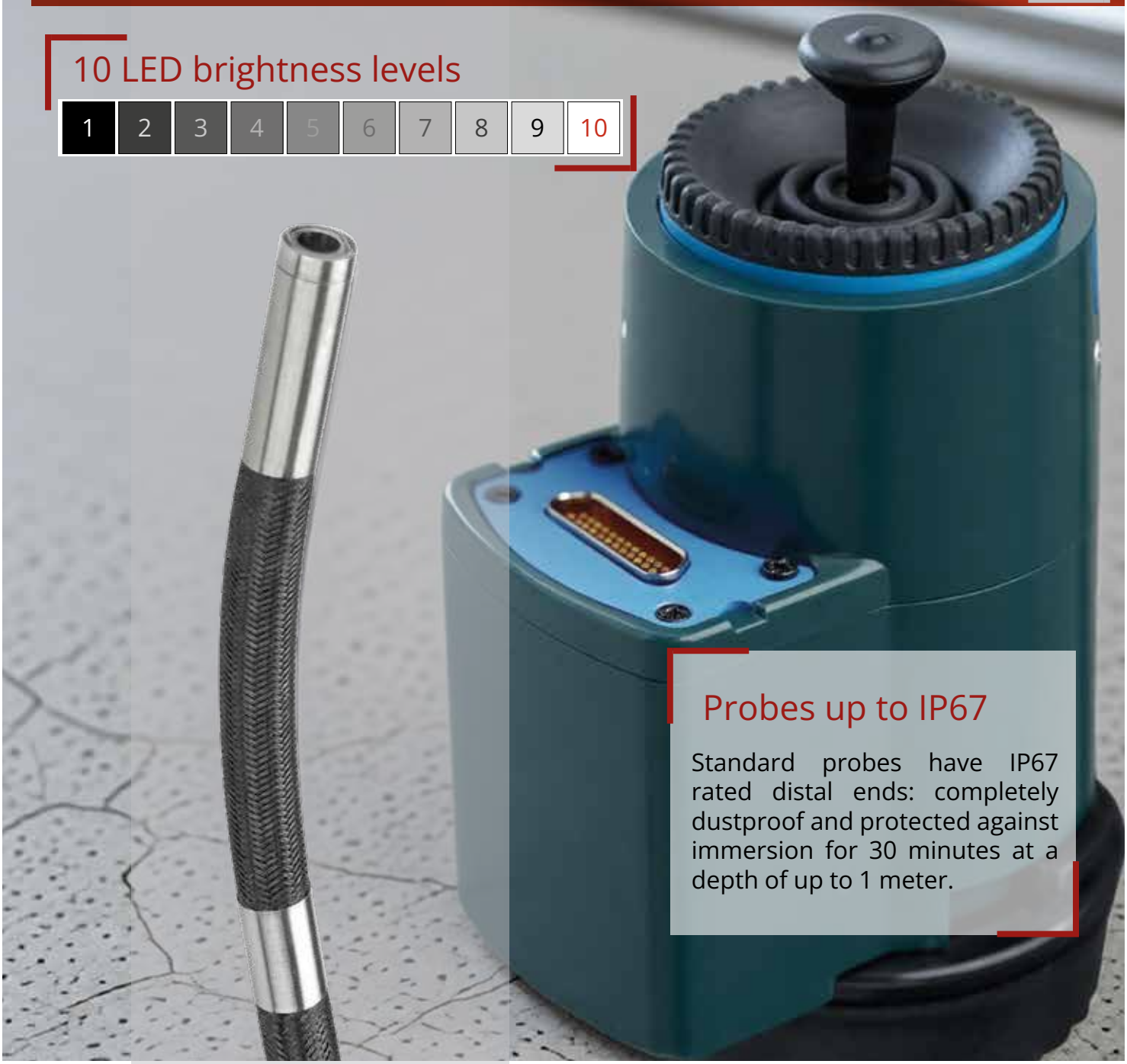
Axial 2,4|2,8|3,9|6,4

Lateral 3,9|6,4

Dual View 3,9|6,4|

10 LED brightness levels

1	2	3	4	5	6	7	8	9	10



Probes up to IP67

Standard probes have IP67 rated distal ends: completely dustproof and protected against immersion for 30 minutes at a depth of up to 1 meter.

INTERCHANGEABLE PROBES

1080p sensors for Full HD images

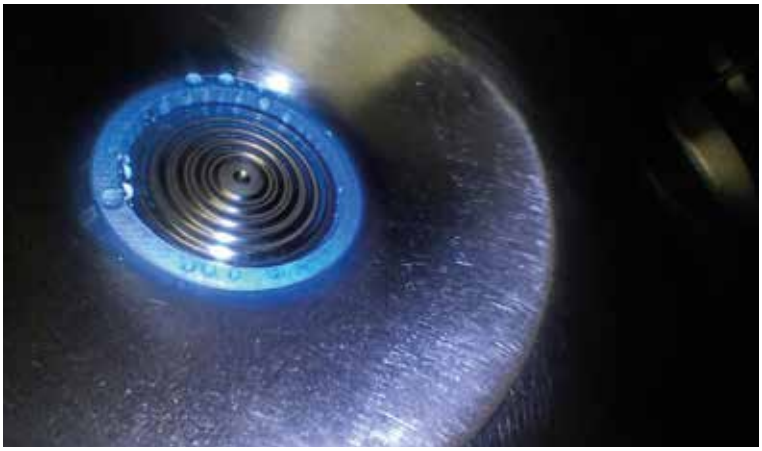
The **iPLORE X** guarantees absolute visual precision thanks to its 1080P sensors available on the 4, 6, and 8 mm probes. This allows you to capture images and videos in Full HD 1920x1080, offering exceptional clarity for your technical diagnostics.



Whether using dual-view probes or those with a 10x digital zoom function, every detail is magnified to identify even the smallest defects, welds, or foreign objects. With 10 levels of brightness control, this system ensures consistent image quality, even in the darkest environments.

From 2.4 mm Ø, up to 6 m, Dual Sensors optional

Discover a complete range of interchangeable probes for the videoscope processor, offering exceptional versatility to meet a variety of inspection applications. The **iPLORE X** offers an exhaustive range of probes adapted to every industrial challenge. From 2.4 mm micro-probes for the tightest access to models up to 6 meters long, the flexibility is total. Dual-sensor technology enables simultaneous front and side viewing with a live Picture-in-Picture display.



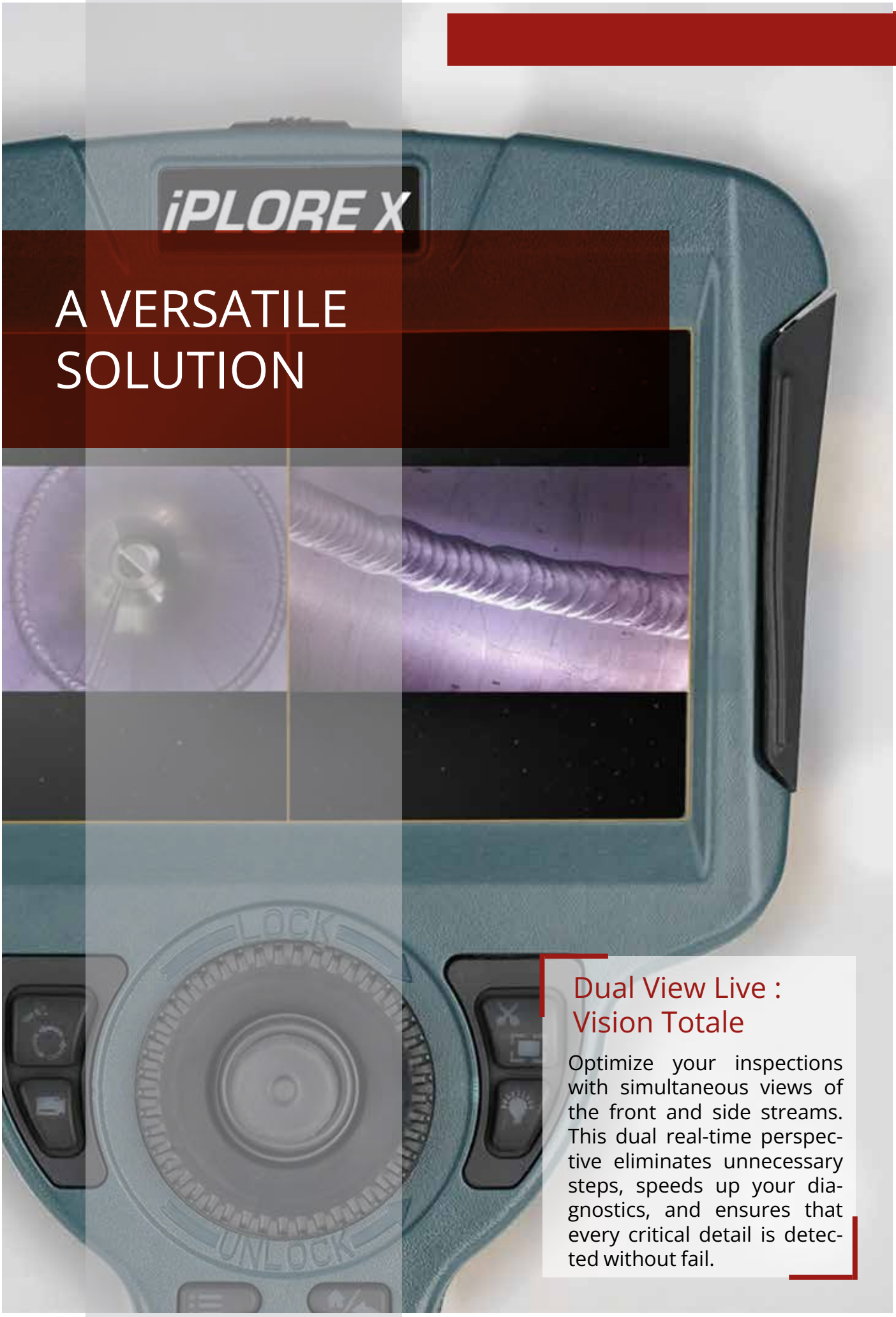
Additional options are available: UV light or infrared probes, each configuration ensuring maximum accuracy. This diversity guarantees efficient inspection, regardless of the diameter or depth of the duct.

A single probe, two sensors

Optimize your industrial inspections with the technological power of our interchangeable dual-sensor probes, available in 3.9 mm and 6.4 mm diameters. This state-of-the-art hardware integrates two high-performance optical sensors that simultaneously cover the front and side fields of view. For uncompromising visibility in the most inaccessible areas, each sensor is equipped with its own dedicated LED lighting, ensuring powerful and uniform illumination of both the side and the path of travel. This advanced hardware configuration provides you with a comprehensive and precise view, facilitating the immediate detection of every critical detail during your on-site inspections.



A VERSATILE SOLUTION



Dual View Live : Vision Totale

Optimize your inspections with simultaneous views of the front and side streams. This dual real-time perspective eliminates unnecessary steps, speeds up your diagnostics, and ensures that every critical detail is detected without fail.

INDUSTRIAL APPLICATIONS

The Transport Case: Optimal Protection and Guaranteed Mobility

The premium wheeled carrying case designed for the **iPLORE X** system offers a comprehensive storage and mobility solution, specifically engineered to meet the needs of professionals on the go. Equipped with secure locking hinges, this sturdy case features 2 ergonomic handles for smooth transport, complemented by a telescoping handle for maximum maneuverability on all types of terrain.



The interior features high-quality foam compartments that ensure a perfect fit and optimal protection for each component: the **iPLORE X** processor, the mounting bracket or stand, two dedicated slots for removable batteries, two storage areas for interchangeable probes, as well as spaces specifically designed for the charger, AC adapter, various cables, and technical documentation.



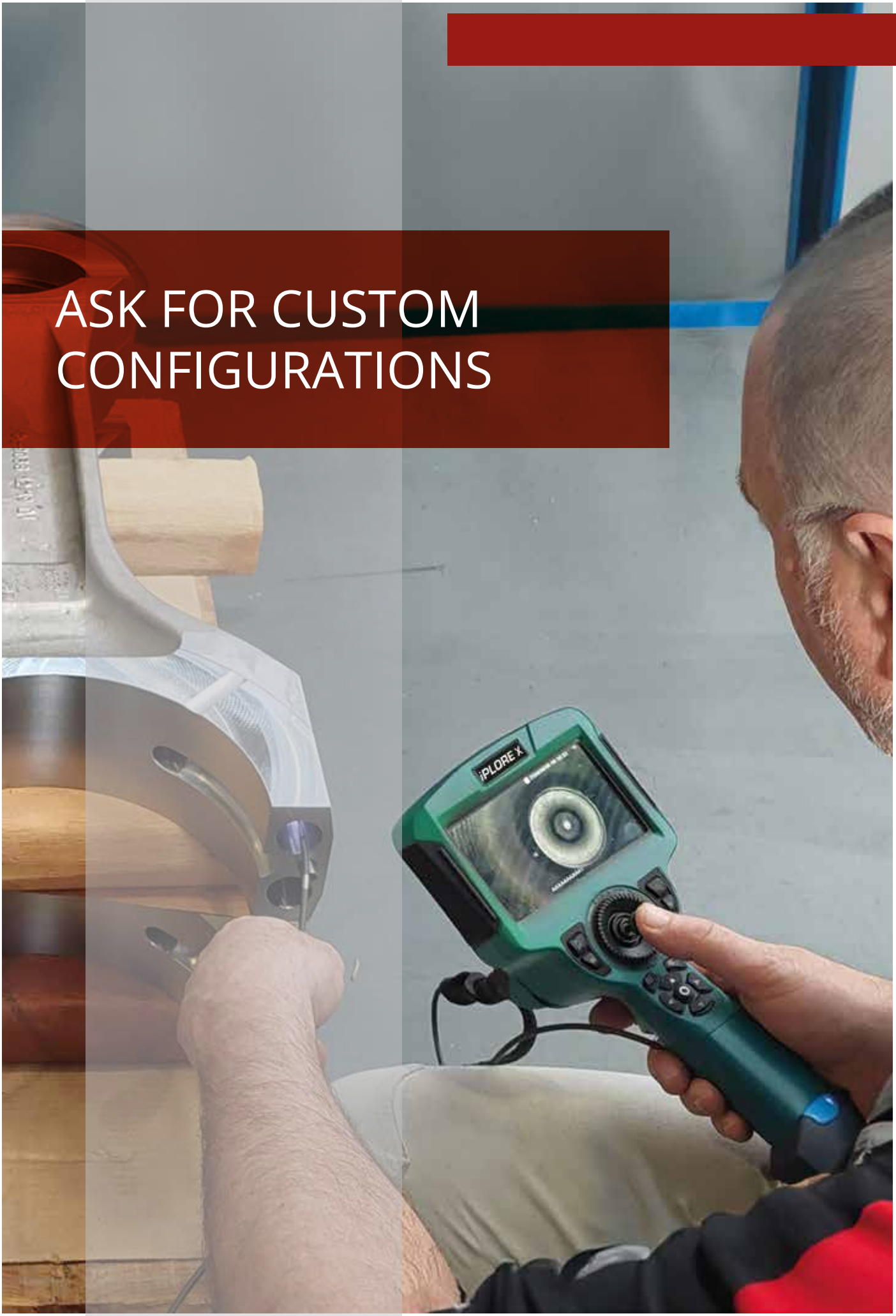
This streamlined organization ensures quick access to equipment and maximum protection during transport, making every trip a breeze for the technician or industrial operator.

Ultra-Fast Charger

Boost your productivity with our ultra-fast 65-watt charger, specially designed for field use. With its universal USB-C connectivity, it fully charges your industrial videoscope in just 4 hours, ensuring maximum equipment availability for your critical inspections. Its broad compatibility also allows you to power and charge other professional or mobile devices (laptops, tablets, smartphones, accessories), making this charger a unique, convenient, and versatile solution for all your equipment.



ASK FOR CUSTOM CONFIGURATIONS



ACCESSORIES AND SPECIFICATIONS

Technical Specifications of the iPLORE X Processor	
Display	Touchscreen / LED / 5-inch
Resolution	1920 x 1080
Photos	.JPEG, .JPG, .PNG
Videos	.AVI, .MP4, .MOV, .3GP
Output	HDMI, Mini USB, SD Card
Light	10-level LED
Navigation	Shortcut buttons / Touchscreen
Weight with battery	Approx. 1.2 kg
Menu	French / English
Storage	32 GB Internal + 64 GB SD
Dimensions	300 x 90 x 150 mm

Technical Specifications	
Power Supply	Lithium-ion Polymer Battery
Battery	Input: 12 V / 3 A, Output: 7.4 V Capacity: 6000 mAh / 44.4 Wh
Battery Life	Approx. 3 hours
Operating Temperature (Processor)	-10°C to 50°C
Operating Temperature (Sensor)	-20°C to 60°C
Storage Temperature	-20°C to 60°C
Relative Humidity	15% to 90%
Composition	Endoscope, battery, 64 GB SD card, charger, carrying case, base, HDMI cable, analog cable, user manual, shoulder strap
Option	Alignment tool, graduated markings,

Technical Specifications for iPLORE X Probes

REFERENCE	Ø	Length	DOV	Sensor	IP	Ways	Articulation maximum	DOF	Optical housing length	Articulatin section length	FOV	Lighting	Lighting power
IPX-S4M62L2000-01080L	6.2 mm	2 m	0°	1080P	67	4	150°	10 - 100 mm	18 mm	59 mm	120°	LED	60,000 lux
IPX-S4M62L3500-01080L	6.2 mm	3.5 m	0°	1080P	67	4	130°	10 - 100 mm	18 mm	59 mm	120°	LED	60,000 lux
IPX-S4M39L2000-01080L	3.9 mm	2 m	0°	1080P	67	4	140°	10 - 100 mm	13 mm	44 mm	120°	LED	18,000 lux
IPX-S4M39L3000-01080L	3.9 mm	3 m	0°	1080P	67	4	110°	10 - 100 mm	13 mm	44 mm	120°	LED	18,000 lux
IPX-S2M24L1500-0500L	2.4 mm	1.5 m	0°	500K	64	2	170°	5 - 50 mm	6 mm	30 mm	120°	LED	3,500 lux
IPX-S2M24L2000-0500L	2.4 mm	2 m	0°	500K	64	2	170°	5 - 50 mm	6 mm	30 mm	120°	LED	3,500 lux
IPX-S4M64L2000-D1080L	6.4 mm	2 m	DUAL	1080P	67	4	150°	F: 8 - 80 mm S: 5 - 25 mm	24 mm	65 mm	90°	LED	F: 40,000 lux S: 20,000 lux
IPX-S4M64L3000-D1080L	6.4 mm	3 m	DUAL	1080P	67	4	130°	F: 8 - 80 mm S: 5 - 25 mm	24 mm	65 mm	90°	LED	F: 40,000 lux S: 20,000 lux
IPX-S4M39L2000-D720L	3.9 mm	2 m	DUAL	720P	67	4	140°	F: 8 - 80 mm S: 5 - 25 mm	25 mm	54 mm	120°	LED	18,000 lux

Centering devices



Discover our range of custom-made probe centering devices. Precise solutions tailored to your specific needs. Perfect for efficient exploration and reliable results.

More infos

Rigid Stiffener



Explore our selection of custom probe stiffeners. These tailored solutions ensure stability and precision during your operations. Choose excellence for your exploration projects.

Battery

Stock up on extra batteries, designed to extend the runtime of your equipment.



www.vizaar.com

Contact-us

info@vizaar.com

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iPLORE X

XPANDING YOUR VU®

Headquarter

Hechinger Straße 152
72461 Albstadt / Germany
Tel.: +49 7432 98375-0
Fax: +49 7432 98375-50
info@vizaar.com

VT Service / Rental Service / Sales / Training Center

Lupusstraße 17
35789 Weilmünster / Germany
Tel.: +49 6475 91129-0
Fax: +49 6475 91129-29

viZaar North Germany

VT Service / Rental Service / Sales
29339 Wathlingen / Germany
Tel.: +49 160 93777644
Fax.: +49 6475 91129-29

OUR SERVICE AND SALES OFFICES

viZaar NRW
Sales and Service Office

46348 Raesfeld / Germany
Tel.: +49 170 5703130

viZaar Maritime
Sales and Service Office

25361 Krempe / Germany
Tel.: +49 171 5524094

viZaar South
Sales and Service Office

88161 Lindenberg im Allgäu
Tel: +49 172 6019601

France
viZaar industrial imaging SA

3 rue Lambert
Parc Lavoisier
91410 Dourdan / France
Tel.: +33 1 60 81 18 18
Fax: +33 1 64 59 95 73
www.vizaar.fr
info@vizaar.fr

Authorized sales partner and distributor of viZaar®:

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