

INNOVATIVE AND PRECISE INDUSTRIAL ENDOSCOPES

FlexLumen series

Visionome
imaging beyond vision

Discover the pinnacle of value and performance in industrial endoscopes with Visionome's FlexLumen series. Engineered to surpass expectations, offering unparalleled clarity and precision for comprehensive inspections.

Unrivaled Clarity With Fiber Optic Lighting

FlexLumen takes visual inspection to the next level. Equipped with state-of-the-art fiber optic lighting, these endoscopes illuminate your inspection environment with exceptional brightness and clarity. Witness previously unseen details and great precision.

Intuitive 5" Bright Display

Experience enhanced visibility and ease of use with the FlexLumen series bright 5" display. Analyze detailed imagery with exceptional clarity and accuracy. Make informed decisions swiftly and effectively.

Rugged Design For Industrial Applications

Crafted to meet the rigorous demands of industrial applications, the FlexLumen series endoscopes are engineered for durability, reliability, and adaptability. With robust construction and high precision, these devices offer unparalleled value.

FlexLumen series

Bending control	0,95-1,2mm no articulation, 1,8-2,4mm 2 way articulation, 2,8-6mm full 360 degree articulation
Insertion tube	Four-layer tungsten wire braided cable
Resolution	1280x720
Screen size	5" LCD
File formats	JPEG/AVI
Structure	ABS plastic
Storage	micro SD (max capacity 128Gb)
Data port	micro-USB port, HDMI video output port
IP Grade	Insertion tube IP67* (0,95-1,2mm diameter not IP rated), Host IP54
Battery life	> 3 hours
Host weight	800g with battery
Power	Li-ion
Charger	5vdc, 1A
Host working temperature	-10 to +50C
Probe working temperature	-20 to +80C (under 0c, steering should be reduced)
Storage temperature	-20 to +60C
Relative humidity	Max 90%, no condensation



FlexLumen cables

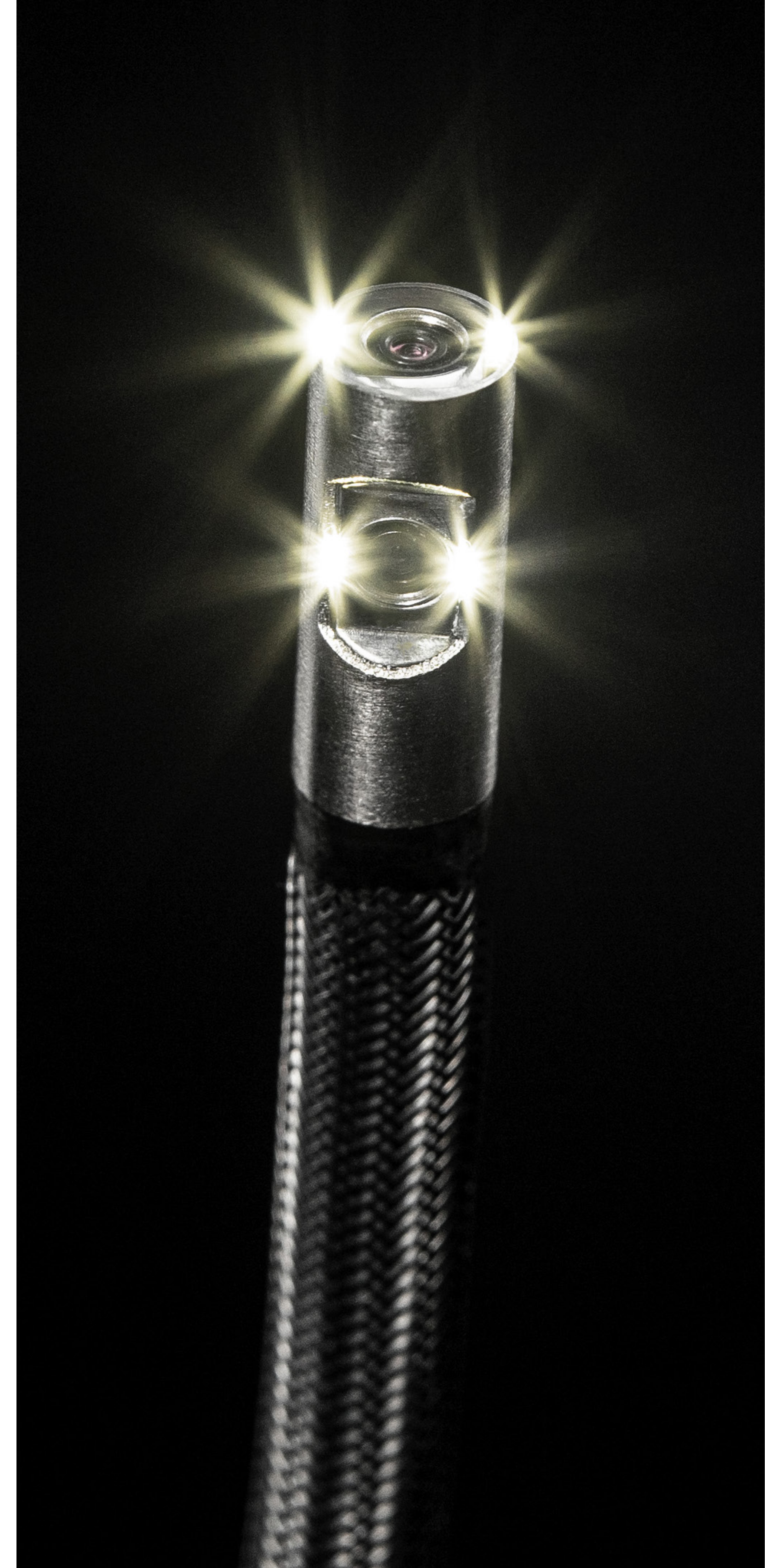
Flexlumen cables have a robust and wear resistant tungsten braided outer layer

Diameter	Length	Field of view	Depth of field	Bending angle	Steering directions	Light source	Lens
6,00mm	1-10 meters	120 degrees	12-200 mm	80-170 degrees	All way	Optical fiber light	Forward view
3,90mm	1-5 meters	120 degrees	8-150 mm	90-170 degrees	All way	Optical fiber light	Forward view
2,80mm	1-3 meters	120 degrees	3-70 mm	110-170 degrees	All way	Optical fiber light	Forward view
2,40mm	1-2 meters	120 degrees	3-70 mm	100-150 degrees	2 way	Optical fiber light	Forward view
1,80mm	0,5-1 meters	120 degrees	3-70 mm	140-160 degrees	2 way	Optical fiber light	Forward view
1,20mm	0,5-1 meters	120 degrees	3-70 mm	n/a	n/a	Optical fiber light	Forward view
0,95mm	0,5-1 meters	120 degrees	3-70 mm	n/a	n/a	Optical fiber light	Forward view

FlexLumen Plus cables

Flexlumen plus comes with a technology that seamlessly combines the benefits of a 90-degree lens and forward-viewing lens, eliminating the need for lens changes. This combined with fully articulating probe lets you see everything. A truly versatile solution for industrial imaging.

Diameter	Length	Field of view	Depth of field	Bending angle	Steering directions	Light source	Lens
6,00mm	1-8 meters	2x120 degrees	2x12-200 mm	90-170 degrees	All way	Optical fiber light	Forward and side view
3,90mm	1-3 meters	2x120 degrees	2x8-150 mm	140-170 degrees	All way	Optical fiber light	Forward and side view



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