

PRODUCT BRIEF

videoscopes with integrated illumination that can be highly customized to your needs

introduction:

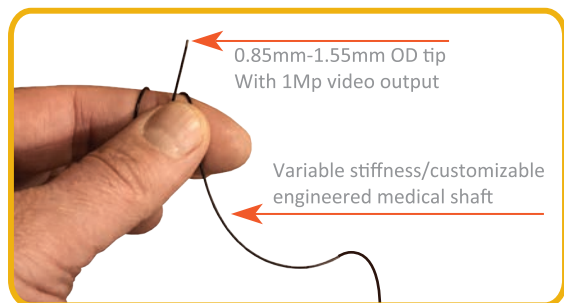
These are the smallest size and highest resolutions constructs on the market.

The Visualyze® line of cameras can be single-use to meet the medical industry's shifting towards single-use instruments as they save costs by eliminating the need for reprocessing and require less capital investment. This leads to increased productivity, reduced risk of cross-contamination, and improved turnaround times.

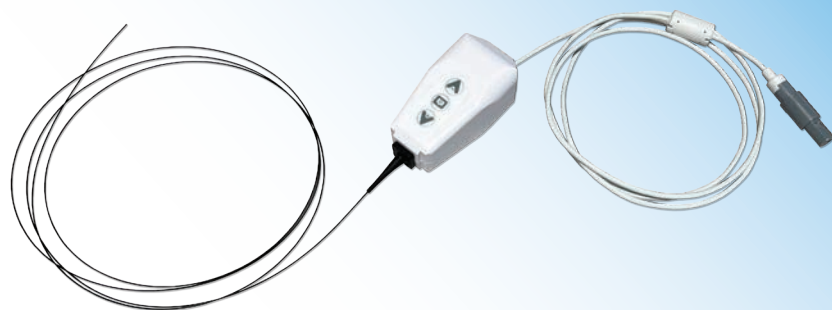
At the same time the Visualyze® line of cameras can be durable enough to withstand multiple sterilization or reprocessing cycles, enabling their use in reusable instruments.

Enable Inc has developed these scopes to be used with either of the two Visualyze® image processing units (ENA-10570-AS or ENA-10660-AS), thus being compliant with standard medical electrical and mechanical safety requirements.

Built with medical grade materials, the scopes are designed to meet medical packaging, transportation, and sterilization standards such as ASTM D4169, ASTM D4332, ISO-10993-1, ISO-10993-5, and ISO-10993-10.



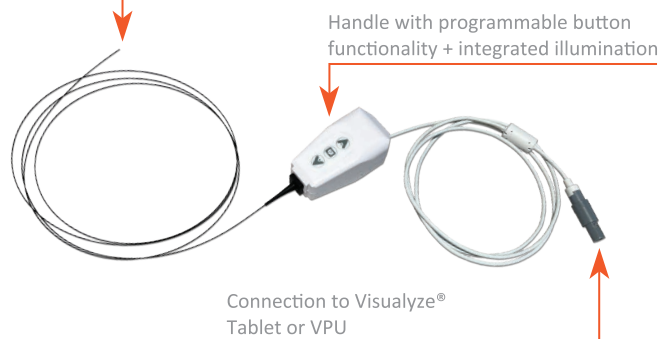
The most customizable micro-imaging scope available:
Internal scope components can be sold separately for embedding them into your own delivery system.



product features:

- 120° FOV in air for all Visualyze® scope models
- 2mm - ∞ working distance
- IPX7 rating for shaft, IPX4 for handle, up to IPX68 for electrical connector
- Up to 1MP video output when used with Visualyze® video processing hardware
- As small as 0.85mm (0.0335") OD with up to 1MP video output
- Highly engineered patient-contact shafts can be customized with flexible, semi-rigid, or rigid properties upon request
- The size, and location of the handle can be customized to your specific needs (can even be eliminated)
- Disposable and reusable designs available
- Customizable stiffness and diameter scope shafts
- Complies with ASTM D4169, ASTM D4332, ISO-10993-1, -5, and -10 standards
- Integrated illumination and programmable handle buttons

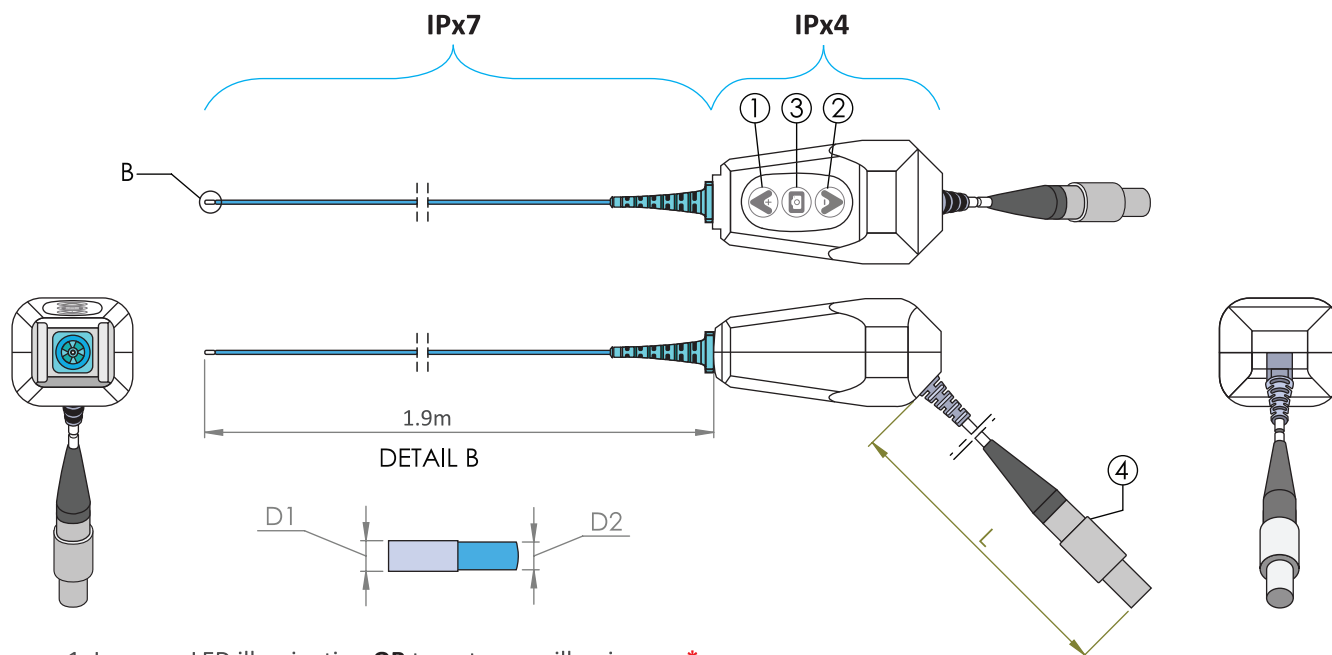
Variable diameter tips and shafts.
Variable lengths of cables



standard product specifications (typically in stock):

P/N	Sensor Native Resolution (pixels)	Max Video Output (pixels)	Nominal MAX light output mW (lm)	Electrical Cable Length L (m)	Short Term Min Bend Radius mm (in)	Bending Behavior	D1 mm (in)	D2 mm (in)
ENA-10420-AS	400x400	1,000x1,000	21 (7.5)	1.6	50 (2.0)	Semi-Rigid	1.54 (0.061)	1.52 (0.060)
ENA-10468-AS NEW	400x400	1,000x1,000	7 (2.3)	1.5	6 (0.24)	Flexible	0.85 (0.0335)	0.84 (0.033)
ENA-10448-AS	400x400	1,000x1,000	9 (3.0)	1.5	6 (0.24)	Flexible	0.89 (0.035)	0.84 (0.033)
ENA-10449-AS	400x400	1,000x1,000	11 (3.8)	1.5	6 (0.24)	Flexible	0.98 (0.039)	0.84 (0.033)
ENA-10453-AS	400x400	1,000x1,000	11 (3.8)	1.5	30 (1.2)	Semi-Rigid	1.05 (0.041)	1.05 (0.041)
ENA-10460-AS	400x400	1,000x1,000	21 (7.5)	1.6	6 (0.24)	Flexible	1.40 (0.055)	1.31 (0.052)
ENA-10467-AS NEW	720x720	1,000x1,000	21 (7.5)	1.6	50 (2.0)	Semi-Rigid	1.54 (0.061)	1.52 (0.060)

Almost all mechanical specifications can be customized to your needs.



1. Increase LED illumination **OR** target scene-illuminance.*
2. Decrease LED illumination **OR** target scene-illuminance.*
3. Take pictures **OR** start/stop video recording.
4. Electrical connector to Visualyze® Tablet or VPU.
Available in plastic or metallic-IP rated versions.

*Depending on whether AUTO-GLOBAL-GAIN® is OFF or ON.
Refer to Visualyze® tablet or VPU documentation for more information.

Contact us for all your imaging needs and more detailed data sheets.

Internal scope components can be sold separately for embedding them into your own delivery system.