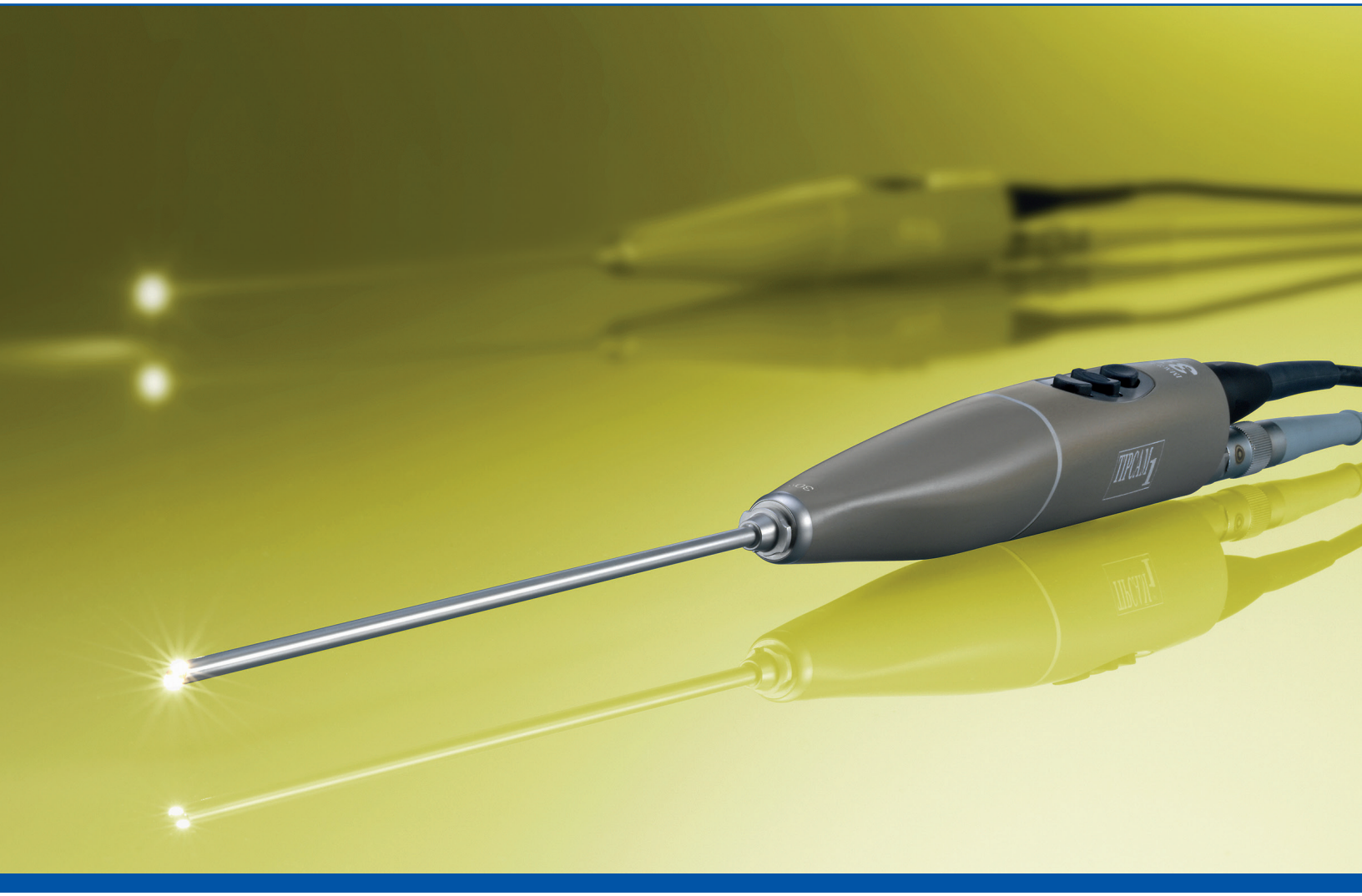
ENHANCE NEUROSURGERY PROCEDURES WITH 3D DISPLAY CAPABILITIES



Changing the way Surgeons Experience Surgery

Experience enhanced stereoscopic surgical visualization using TIPCAM®1 S 3D. TIPCAM®1 S 3D offers brilliant three-dimensional display for endoscopic neurosurgical procedures, in a small diameter, 4 mm endoscope.

Three-dimensional visualization has proven value in surgery including:

- Efficiencies performing delicate surgical tasks such as drilling, microdissection, vessel coagulation[1]
- Improved surgical dexterity by affording the surgeon with depth cues[2]
- Shortened learning curve for students of neurosurgical technique[3]

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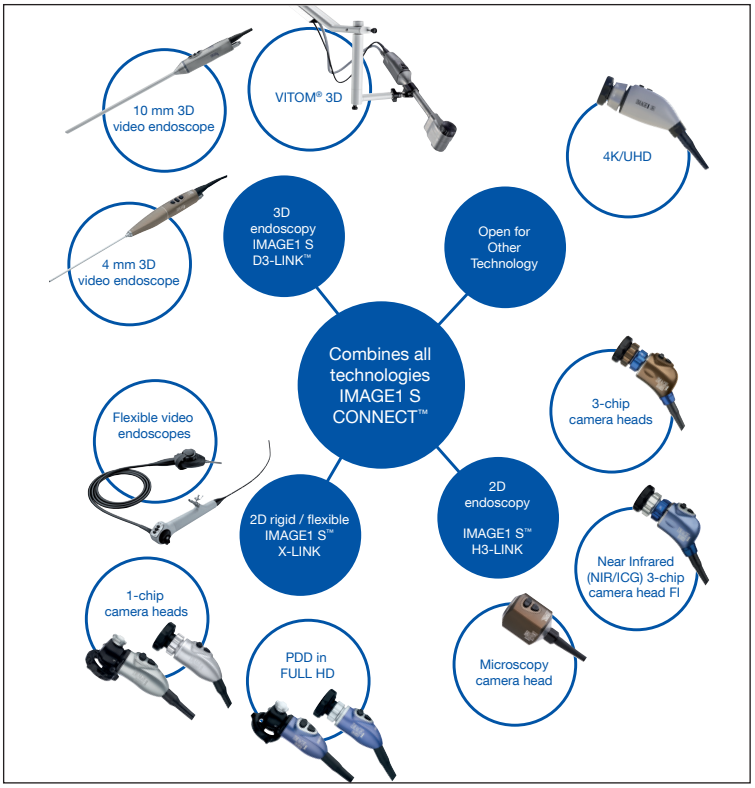
TIPCAM1S 3D is part of the KARL STORZ IMAGE1 S™ modular camera platform, meaning existing systems can be easily expanded to include 3D technologies. The system is ideal for a range of diverse applications.

- Integrates easily into the IMAGE1 S™ platform, enabling multi-specialty use for a higher ROI
- Simple switching between 2D and 3D views from the surgical field
- Optimal illumination and contrast enhancement with IMAGE1 S™ CLARA and CHROMA

Take advantage of enhanced high-definition 3D views by adding the following components to your current IMAGE1 S™ video system:

Ordering Information	
TC302US	IMAGE1 S™ D3-LINK™ Module
TM350	32“ 4K/3D Monitor
495ND	**Light Cable,** 300 cm
TM003	3D Glasses
KSZ-39301TS	Sterilization Tray
28164AA3D	**TIPCAM®1 S 3D,** 0°, 4 mm (Neuro)
28164BA3D	**TIPCAM®1 S 3D,** 30°, 4 mm (Neuro)
28164FA3D	**TIPCAM®1 S 3D,** 45°, 4 mm (Neuro)



1. Lasio, G.B. & Milani, D. Letter to the Editor: have 3D endoscopes succeeded in neurosurgery? Acta Neurochir (2014) 156: 1925. doi:10.1007/s00701-014-2209-3
2. Zaidi, Aqib Zehri. Efficacy of Three-Dimensional Endoscopy for Ventral Skull Base Pathology: A Systematic Review of the LiteratureNeurosurg. 2016 Feb; 86: 419–431. doi: 10.1016/j.wneu.2015.10.004
3. Inoue D, Yoshimoto K. Three-dimensional high-definition neuroendoscopic surgery: a controlled comparative laboratory study with two-dimensional endoscopy and clinical application. J Neurol Surg A Cent Eur Neurosurg. 2013 Nov;74(6):357-65. doi: 10.1055/s-0033-1345100

It is recommended to check the suitability of the product for the intended procedure prior to use.

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