

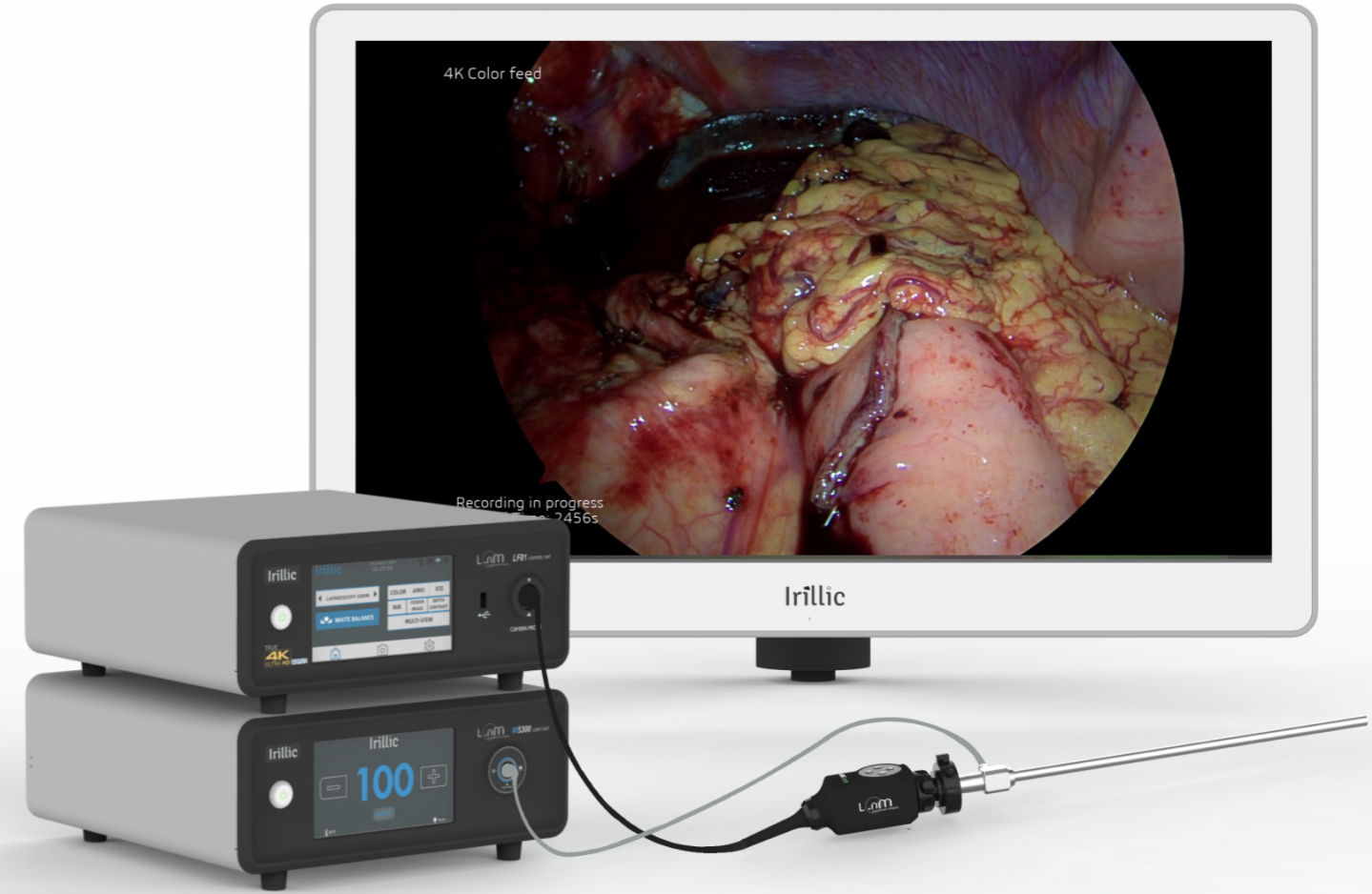
Irillic

L.nm
Laparoscopic Imaging



India's first
True 4K Colour
with
Fluorescence
Imaging

See Better...
Treat Better.



Product	IRILLIC® 4K Colour Laparoscopy System	Product	IRILLIC® 4K ICG-NIR Laparoscopy System
MMAF0020	IRILLIC® True 4K Camera control unit	MMAF0020	IRILLIC® ICG-NIR Camera control unit
MMAF0021	IRILLIC® True 4K LED White Light Unit	MMAG0002	IRILLIC® ICG-NIR Fusion Light Unit LED-LASER
MEAF0027	IRILLIC® TRUE 4K Camera Head	MMAG0001	IRILLIC® ICG-NIR Camera Head
TBD	IRILLIC® 4K White Light UHD Laparoscope, 30°	TBD	IRILLIC® ICG-NIR 4K UHD Laparoscope, 30°
BOXF0002	IRILLIC® Light cable, L. 300 cm	BOXF0002	IRILLIC® ICG-NIR light cable, L. 300 cm
BEXF0019	4K UHD Medical Grade Colour Monitor, 32"	BEXF0019	4K UHD Medical Grade Colour Monitor, 32"
MMAF0017	IRILLIC® Trolley Cart	MMAF0017	IRILLIC® Trolley Cart

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Irillic is an ISO 13485:2016 certified company

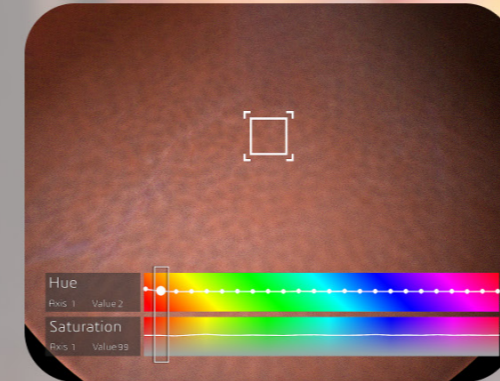
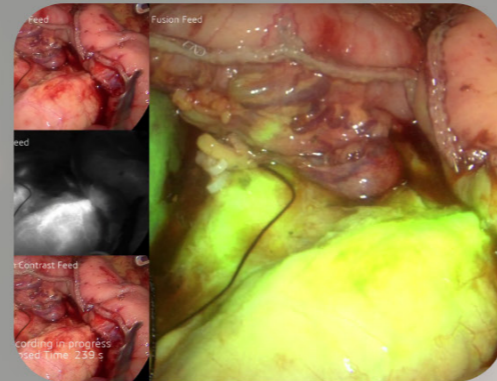
L.nm | Minimally Invasive Guided Surgery

World-Class Modular Platform

True 4K + NIR Imaging

Visualise the surgical field in unparalleled clarity and superior resolution. Augment your colour vision with ICG fluorescence overlay and multiple imaging modes.

- Enhanced Bile Duct Visualisation
- Real-time Tissue perfusion
- Precise Liver Segmentation



24-Axis colour calibration

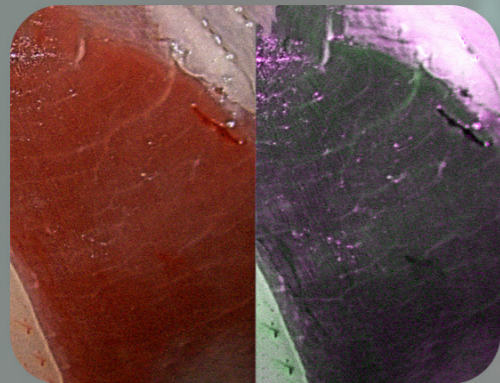
A proprietary technique to tune 24 independent channels of the colour gamut.

- Precise colour reproduction of all tissues.
- Improve differentiation between key anatomical features example fat and liver
- Personalise colour profiles to meet individual preferences.

Advanced Micro-Vascular Imaging

Enhance contrast of fine patterns and structures of capillary vessels in the sub-mucosal layer.

- Improve detection of polyps & dysplasia
- Visualise abnormal vasculature
- Enable targeted biopsy of lesions



True 4K Imaging Chain

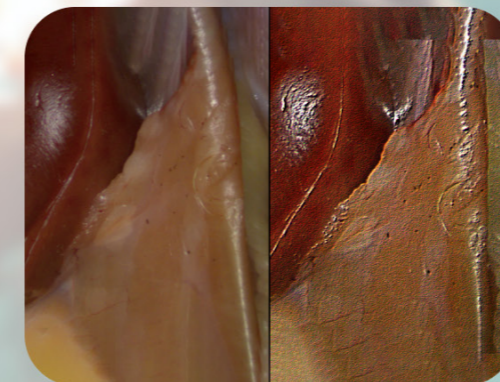
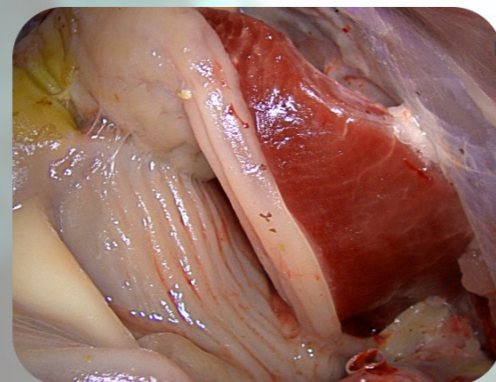
Every element of the imaging chain is 4K optimised at high speeds from the Light source, fiber optic light guide, laparoscope, coupler optics, colour sensor, accelerated post capture processing, in-built recording, and the display monitor.



Large format Image Sensor

50% larger image sensor compared to existing industry standard maximising sensitivity and performance under challenging imaging conditions.

- Improved image stability during perioperative bleeding
- Optimised image clarity with 5mm and 3mm rigid laparoscopes



Enhanced imaging modes

A novel image enhancement mode that improves contrast and highlights microstructures in tissue.

- GI/GE Junction

