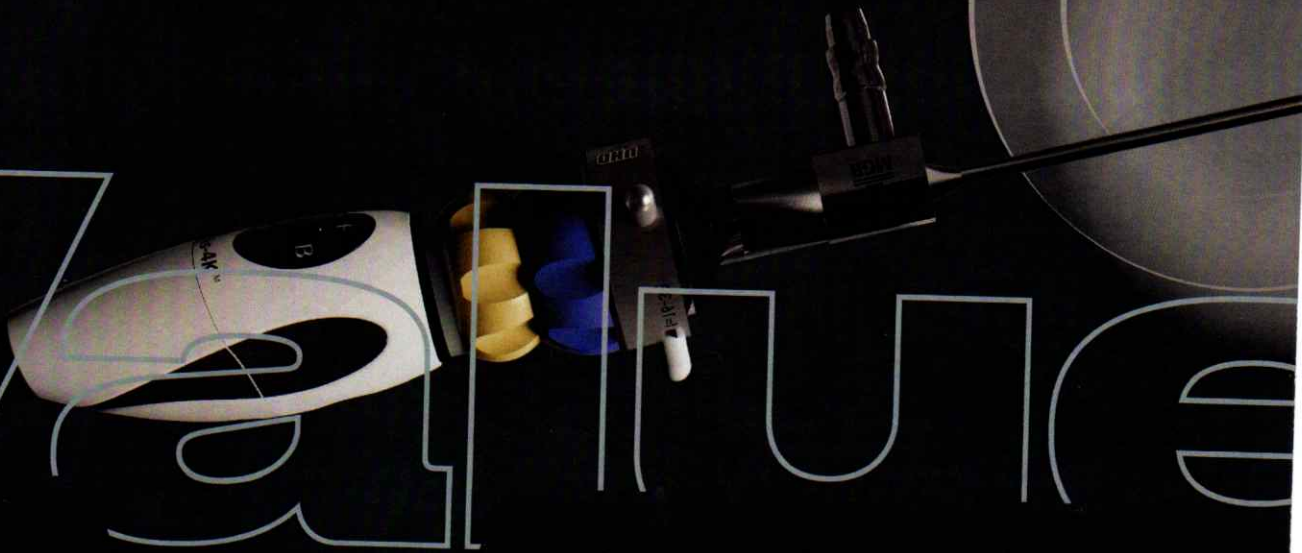


IRIS

Value for the next generation



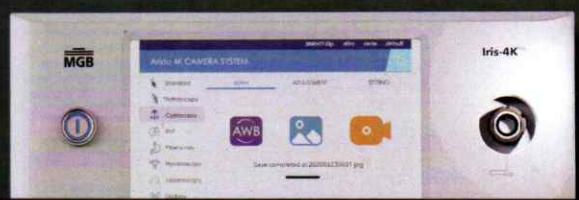
Iris-4K™

Medical UHD Camera System



MGB

Iris-4K™



Iris-4K is the beginning of MGB Endoscopy's new camera generation for 4K resolution. Iris-4K is a 4K-native progressive-scan 3Chip CMOS model with an ergonomic head designed to be operated from a remote CCU. Features include ultra-high resolution, sophisticated GUI, and single cable 4k output and ergonomic head body.

Excellent Image Quality with 4K Native Sensor

The 4K native sensor provides excellent video image quality. It produces superb resolution (1800TV lines horizontal resolution) and low picture noise (58dB S/N)

Touch Panel and sophisticated GUI

MGB Endoscopy has developed a sophisticated and user friendly new GUI design for the CCU (Camera Control Unit) touch panel. The GUI provides easier understanding and easier operation.

12G-SDI Output Possibility

Iris-4K provides 4K output in 12G-SDI. This signal format comes from the professional broadcast sector and allows 4K connection over a single coax cable for long distances without signal quality loss.



EXTRA-VALUE IN 4K IMAGE

UltraHigh Resolution

4K imaging technology allows identification of fine structures with greater precision that can lead to high quality Heads-up surgery.



Wide Color Gamut

Higher color reproductivity displaying, for example, very fine detail such as small veins to help specify the blood point.



Plasma sterilization

You can handle the Iris-4K safely from any infection through Plasma sterilization.

Digital Zoom

Electronic zoom for the enter of an image is available, up to two times.



Color Correction Function

The color correction is much easier by using the newly designed rotary switch. The precise color adjustment is also available by tuning 16 axes of the color gamut in both hue and saturation.



Multi-Language Support

As a state of the art global medical device, the camera's GUI and OSD menu both support English, German, French and Spanish ETC 8 multi-language.

Compact and Lightweight Camera Head

The Iris 4k has a very compact and light weight 4K native camera head. The Camera head designed ergonomically and it provides a more comfortable grip.

Console Screen	7" LCD with Touch
Imaging Systems	1/3 inch 3Chip CMOS
Resolution	3840 x 2160 pixels
Lens Mount	C-mount
Zoom	Digital Zoom up to 2 times(TBD)
Programmable button on camera head	4 buttons for Programmable functions Freeze, Zoom In/Out, Snapshot(TBD),
Function	Brightness, sharpness
Language option	Multi Language(8 languages)
Video Outputs	- 4K out : 3G-SDI with 4ch BNC , HDMI , 12G-SDI - Full HD : HD-SDI 2ch / BNC - Full HD : DVI(or HDMI) 1ch
Operation mode	Laparoscopy, Urology, ENT, Arthroscopy, fiberscope, etc...
Console dimension	300mm x 120mm x 409mm (W x H x D)