

FX 4K ULTRA HD

Precision in Every Pixel



- Precision Presets: Specialized Menus for Every Surgery
- Intelligent Lighting – Automatic Brightness Control
- Sony CMOS Sensor – High-Precision Image Capture
- Upgrade Ready – For ICG Mode



Endoscopy Camera



Technical Specification **FX 4K ULTRA HD**

ADVANCED 4K IMAGING FOR SURGICAL PRECISION

SENSOR	1/1.8 CMOS
RESOLUTIONS	3840(H)*2160(V) 60 FPS
SCAN MODE	PROGRESSIVE SCAN
HORIZONTAL	2200TVL
FOCUSING RANGE	≥(2-200)MM
SNR	≥40 DB
BRIGHTNESS	ADJUSTABLE
WHITE BALANCE	MANUAL / AUTO
MINIMUM INTENSITY	F1.2≤ 0.1 LUX
DNR	2D/3D VOX
VIDEO OUTPUT	3G-SDI, DVI, USB3.0*2, HDMI2.0, RJ45
PHOTO / VIDEO RECORD	SUPPORTED
RECORDING FORMAX	MP4
RECORODING RESOLUTION	10Mbs@1080P 30FPS / 30Mbs@4K 30FPS
U FLASH DISK	MAX 1TB
HDD	MAX 4TB
POWER	AC110-240V
COUPLER (OPTIONAL)	F18/20/22/24/28/32/25, OR ZOOM 32-35

Feature of **FX 4K ULTRA HD**

- Camera head buttons for easy and precise surgeon control
- Customizable user interface for different surgical procedures
- High-performance 1/1.8" CMOS camera head with 4K ULTRA HD 3840×2160 resolution
- Advanced touch screen LCD control panel for smooth operation
- Intelligent auto light adjustment for optimal image clarity
- Compact and ergonomic design for comfortable use in OT

Recording & Connectivity Options

Direct USB recording support for surgical procedures

Simultaneous live streaming and recording capability

Compatible with central recording and hospital data systems



Telescopes

Function of **FX 4K ULTRA HD**

- Image mirror, flip & rotation control
- Advanced colour gain adjustment
- High-speed electronic shutter control
- High precision contrast and brightness adjustment
- Natural and enhanced colour optimization settings
- Adjustable dynamic range for clear visualization

Applications of **FX 4K ULTRA HD**

- Arthroscopy
- Laparoscopy
- Urology
- Gynecology
- Neuroendoscopy,
- TURP & ENT Surgeries.

WebMeditech

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