

4K SURGICAL FIELD CAMERA

SM-BC4K-S

Stable, high-detail surgical field imaging for visualization, teaching and procedure documentation.

TRUE 4K

3840 × 2160 at 30 fps

PLUS

FIBER-OPTIC HDMI

Stable, interference-resistant transmission

20 m HDMI 2.0 optical cable supplied as standard



20×

OPTICAL ZOOM

8.51 MP

EXMOR R CMOS

HDMI 4K

VIDEO OUTPUT

2.4 GHz

WIRELESS REMOTE

Fixed-installation / arm-mounted

Local control • long-distance optical HDMI • project-based RS485 / VISCA

Built for clear, controllable surgical field imaging

IMAGING PERFORMANCE

See the field in the mode the procedure needs.

4K30

Maximum detail

1080p60

Smoother motion

20× + 12×

Optical + digital zoom

4.4–88.4

mm focal length

Core functions

FOCUS

Auto Focus • One Push Focus • project-dependent manual / semi-auto

EXPOSURE

Auto / manual shutter • brightness control • white balance

IMAGE CONTROL

Zoom • focus • shutter • brightness • color saturation • freeze

CONTROL OPTIONS

Camera buttons • standard 2.4 GHz remote • project RS485 / Sony VISCA

Technical specifications

Imaging module	Sony FCB-CR8530	Dimensions	Length 250 mm; height 300 mm; handle 140 mm
Image sensor	1/2.5-type Sony Exmor R CMOS; approx. 8.51 effective MP	Weight	Approx. 2.8 kg
Video output	HDMI; 3840×2160@30 / 1920×1080@60	Environment	0–40 °C operating; –20–60 °C storage; 30–95% RH
Power	DC 12 V; supplied 100–240 VAC adapter, 12 V / 3.34 A	Assurance	CE (EMC + LVD); 2-year warranty

STANDARD PACKAGE

Camera unit + bracket + disinfectable handle • 2.4 GHz remote • power adapter • 5 m power/control cable • 20 m HDMI 2.0 optical cable