

Ikegami



MKC-X200

THE NEW STANDARD IN MICROSURGICAL IMAGING



Elevate your microsurgical imaging with the MKC-X200.

Achieving fidelity in reproducing the visual seen through microscopes, the MKC-X200 delivers stunningly bright and clear video images featuring the highest F11 sensitivity and an outstanding 56dB SN ratio in the 1 CMOS medical grade cameras.

MKC-X200

The most sophisticated 1 CMOS FHD camera defines the new standard of microsurgical imaging.

Ikegami - your most reliable choice

With more than 70-years of legacy in video imaging, our accumulated expertise and knowledge enable the development of an advanced design philosophy that drives the creation of cutting-edge technologies.

Across the globe, Ikegami's medical-grade cameras are the choice of top surgeons and professionals pursuing perfection. The MKC-X200 embodies everything you have come to expect from Ikegami.

Mount anywhere

Utilizing the 1 CMOS structure, Ikegami has achieved the smallest and lightest camera head, facilitating its hassle-free mounting onto various surgical microscopes.

Automatic Exposure Control

Featuring an electronic shutter function that continuously optimizes image brightness based on subject illumination, you can achieve precise exposure control. Furthermore, the combination of a novel auto gain control method and electronic shutter allows for extensive exposure adjustments.

Specifications

■ Ratings

Image Pickup Device	1/2.8-inch CMOS sensor x1
Lens Mount	C-Mount
Output Signal	SDI x2
	1920 x 1080i/p, 59.94/50Hz
	DVI x1
	1920 x 1080i/p, 59.94/50Hz
External Reference	VBS x1
	Y/C x1
External Reference	HDTV Tri-Sync 1ch
Communication Interface	RS-232C, FOOT SW
Camera Cable	5m or 10m
Dimensions	Head: W31 x H31 x D36 mm
	CCU: W170 x H58 x D200mm
Weight	Head: Approx. 60g
	CCU: Approx. 1.2kg
Power Requirement	DC12V
Power Consumption	20W or less
Operating Environment	Temperature: 0°C~+40°C
	Humidity: 30~90% (no condensation)
Standards	EN60601-1, ANSI/AAMI ES60601-1

■ Function

Electronic Shutter	OFF - 1/10,000s
Gain	Max. 33dB
Automatic Functions	Auto White Balance(AWB/ATW)
	Auto Gain Control
	Auto Shutter Control
	Auto Knee Control
Photometric Measurement Area	NARROW/MIDDLE/WIDE/FULL/USER
Digital Zoom	Max. x4 (in steps of x0.1)
Color Bar	On/Off button on the front panel
Scene File	4 files with quick load via CCU front buttons
Freeze Function	On/Off button on the front panel
Flip and Turn Function	H Flip, V Flip, Rotate

■ Performance

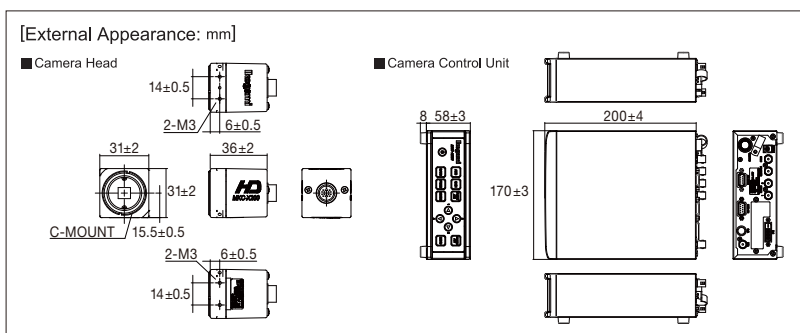
Resolution	900 TV Line
S/N Ratio	56dB
Sensitivity	F11/2000 lx (Line Mix OFF)

■ Accessories

Standard Accessories	AC Adaptor, AC power cable, Ferrite cores, Operation manual
Optional Accessories	Dual Foot Switch OFLTV-SP

CAUTION: Please read the operation manual carefully before use.

CAUTION: This product is not a medical device.



■ Front Panel



■ Rear Panel



Design and specifications are subject to change without notice.

Ikegami Tsushinki Co., Ltd.

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