

# 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)

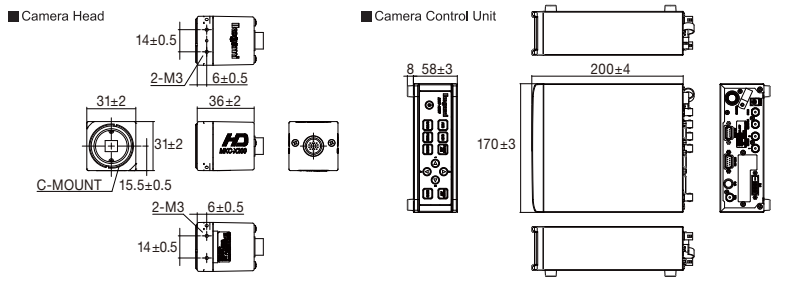
### ■ Accessories

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.

[External Appearance: mm]



### ■ Front Panel



### ■ Rear Panel



Design and specifications are subject to change without notice.

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