

FLEXIVISION® 40

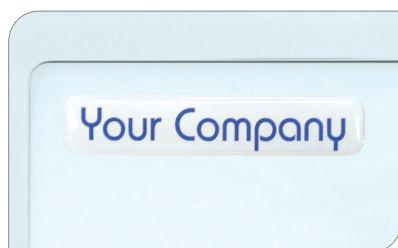
Controller 4K UHD USB Image/Video Capture



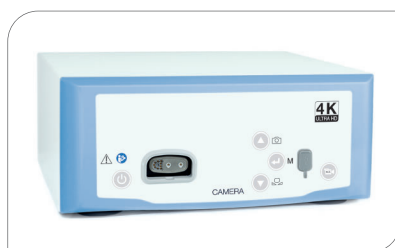
Centerpiece of a high-end 4K UHD endoscopic camera system. 4K and Full HD outputs for maximum flexibility. Optimized settings for laparoscopy, arthroscopy, gynecology, urology, ENT, fiberscopes and neuroendoscopy.

- Outstanding performance
 - 4K UHD imaging (3840 x 2160, 50/60p)
 - BT2020, large UHD color space
- Image/video capturing via USB (Full HD)
- Multi-connectivity
 - 4K UHD: camera head 4K UHD zoom
 - Full HD: camera head full HD zoom, camera head full HD 90° angled
- Video algorithms – with Picture out of Picture mode (POP)
 - Color Shift 1 + 2 – spectral colors can be shifted and exchanged in order to enhance vessels and tissue structures
 - Selective Color Enhancement (SCE) – for a much improved representation of the vessels and the tissue structure
 - Smoke reduction – for a better view during dissection technologies (e.g. HF)
 - Grid removal – reduces the honeycomb structure of image bundle endoscopes
- SCHÖLLY MIS-Bus interface for automatic and manual light source control via camera head

OEM PRODUCTS – PUT YOUR STAMP ON OUR EXPERTISE



Logo/Labeling



Front frame color



Button color and button illumination color



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TECHNICAL DATA

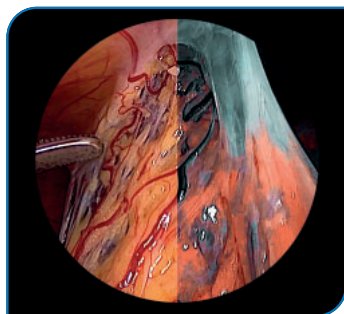
DESCRIPTION	ITEM NUMBER
Controller 4K UHD USB Image/Video Capture	95-3980

TECHNICAL DATA	
Operation control panel	On-Off, menu, white balance, photo, video
Interfaces	1 x MIS-Bus 2 x Remote IN (e.g. foot control switch) 2 x Remote OUT (e.g. recorder, printer) 2 x USB (e.g. image/video capture - front, keyboard - back)
Standard compliance	IEC 60601-1
Electromagnetic compatibility	IEC/EN 60601-1-2
Directive compliance	CE-mark
Dimensions	295 x 129.5 x 355 mm (W x H x D)
Weight	approx. 7 kg
Supply voltage	100 - 240 V~, 50/60 Hz
Current consumption	1.2 - 0.5 A
Degree of protection	IP21
Protection class acc. to IEC 60601-1	Protection class I
Classification within the meaning of applicable EU guidelines	Class I medical device
Classification as per IEC/CISPR 11	Group 1 Class A

PLEASE SEE ADDITIONAL DATA SHEETS

FlexiVision Camera Head 4K UHD Zoom | FlexiLux 300 LED Light Source

DETAILS



Video algorithms (e.g. Color Shift 1)



Automatic light control

A perfect match for perfect colors

BT2020 & CRI >90

Large camera color space BT2020 High CRI Ra >90

FlexiVision 40 camera with FlexiLux 300 LED light source

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MEDICAL ENDOSCOPY
MPA319-000-01-ME
Version: E
13-Jun-2022