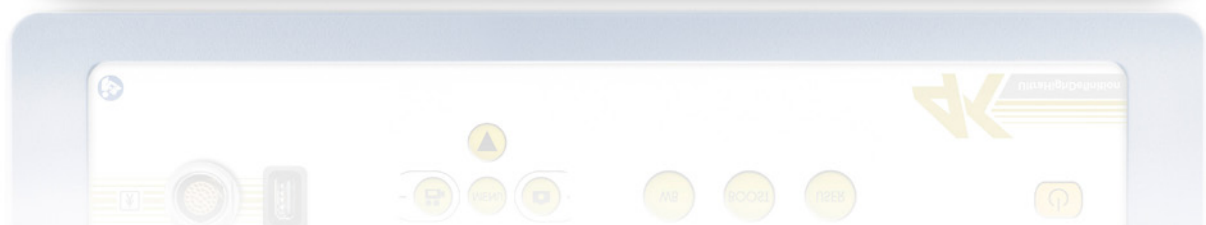
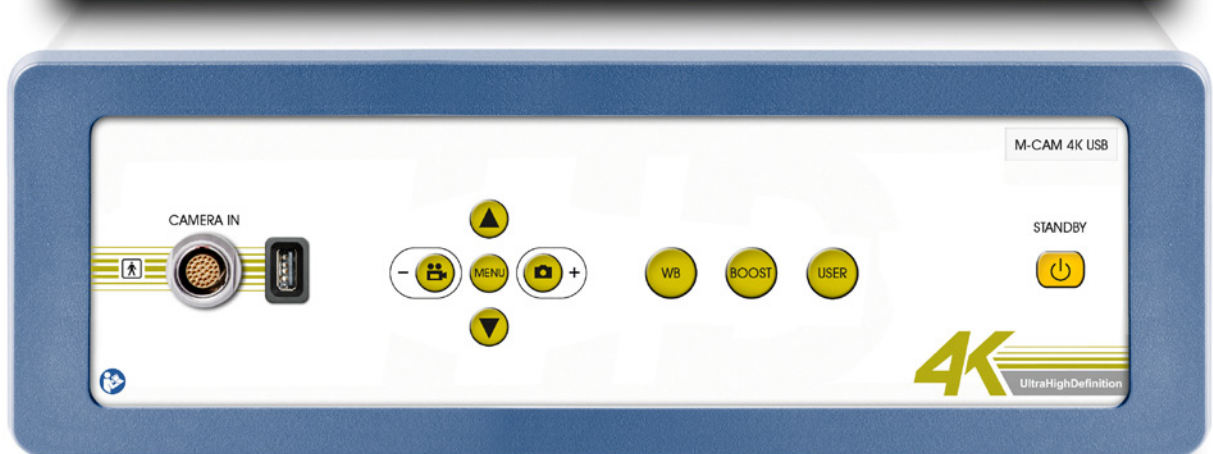
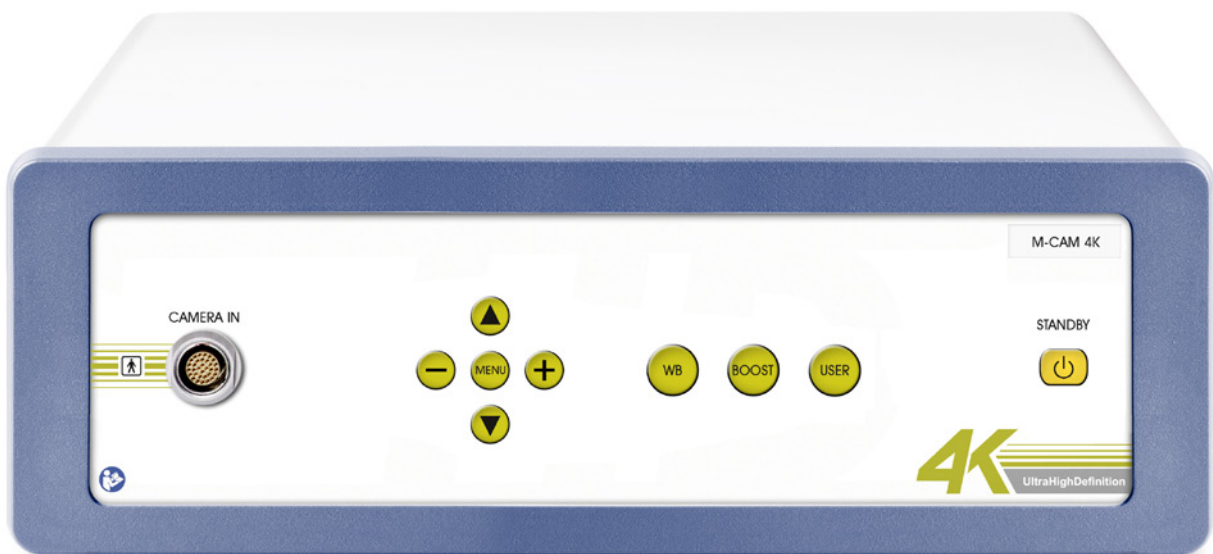


## CAMERAS

### M-CAM 4K - ULTRA HIGH DEFINITION CAMERA 3-MOS

- 4K UHD resolution
- Zoom, freeze, smoke correction
- Image enhancement of colour and structure
- 10 USER Presets for surgical application
- Multilingual menu



# CAMERAS

## M-CAM 4K - ULTRA HIGH DEFINITION CAMERA 3-MOS

### Technical Data

Camera head:	<ul style="list-style-type: none"><li>• Aspect ratio: 16:9</li><li>• Sensor: 3x1/3"</li><li>• Immersible (using the attached cap)</li></ul>
Voltage range (current consumption):	<ul style="list-style-type: none"><li>• 100-240 V (50 VA)</li></ul>
Frequency:	<ul style="list-style-type: none"><li>• 50-60 Hz</li></ul>
Device protection:	<ul style="list-style-type: none"><li>• 2x T3,15 A</li></ul>
Video system:	<ul style="list-style-type: none"><li>• Image resolution: UHD 3840 x 2160</li><li>• TV resolution: 1600 lines</li><li>• S/N-Ratio 54dB</li><li>• White balance automatically, with data hold</li></ul>
Video output:	<ul style="list-style-type: none"><li>• 1 x HDMI 4K (3840 x 2160)</li><li>• 1 x HDMI Full HD (1920 x 1080)</li><li>• 1 x SDI 4K (4 x BNC) (3840 x 2160)</li><li>• 1 x SDI Full HD (1 x BNC) (1920 x 1080)</li></ul>
Video format:	<ul style="list-style-type: none"><li>• HDMI output: 3840x2160/59.94p, 3840x2160/50p, 1920x1080/59.94p, 1920x1080/59.94i, 1920x1080/50p, 1920x1080/50i</li><li>• SDI output: 3840x2160/59.94p, 3840x2160/50p, 1080/59.94p, 1080/59.94i, 1080/50p, 1080/50i</li></ul>
Protection class (acc.to IEC 60601-1):	<ul style="list-style-type: none"><li>• I</li></ul>
Safety class:	<ul style="list-style-type: none"><li>• BF</li></ul>
IP code:	<ul style="list-style-type: none"><li>• 20</li></ul>
Standard:	<ul style="list-style-type: none"><li>• IEC 60601-1-2</li></ul>
Device classification (EU) 2017/745, annex VIII:	<ul style="list-style-type: none"><li>• I</li></ul>
Dimensions (WxHxD):	<ul style="list-style-type: none"><li>• 360mm x 125mm x 351mm</li></ul>
Weight:	<ul style="list-style-type: none"><li>• approx. 6,2kg</li></ul>
Delivery contains:	<ul style="list-style-type: none"><li>• CCU, camera head with 3,05m cable (10ft), mains cable, HDMI cable, User manual</li></ul>

### Options

- Image capture, video capture

### TRlstar 4K camera head



Weight: approx. 200g  
Diameter: 43mm  
Length: 85,7mm (without grommet)

With 4 push buttons

### Colour space

The camera is able to reproduce the extended color space BT.2020 in addition to the BT.709 color space for HDTV. (Prerequisite is a BT.2020 compatible monitor)

