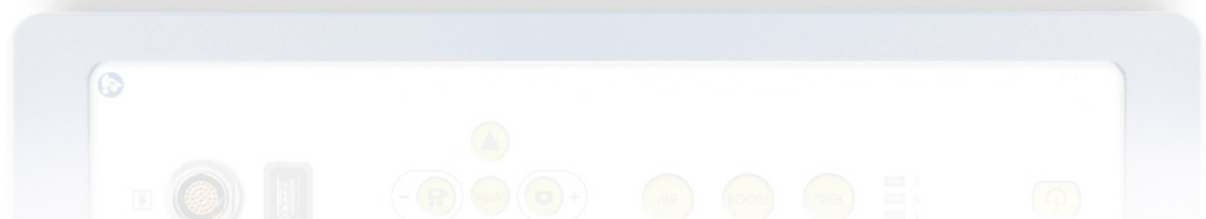
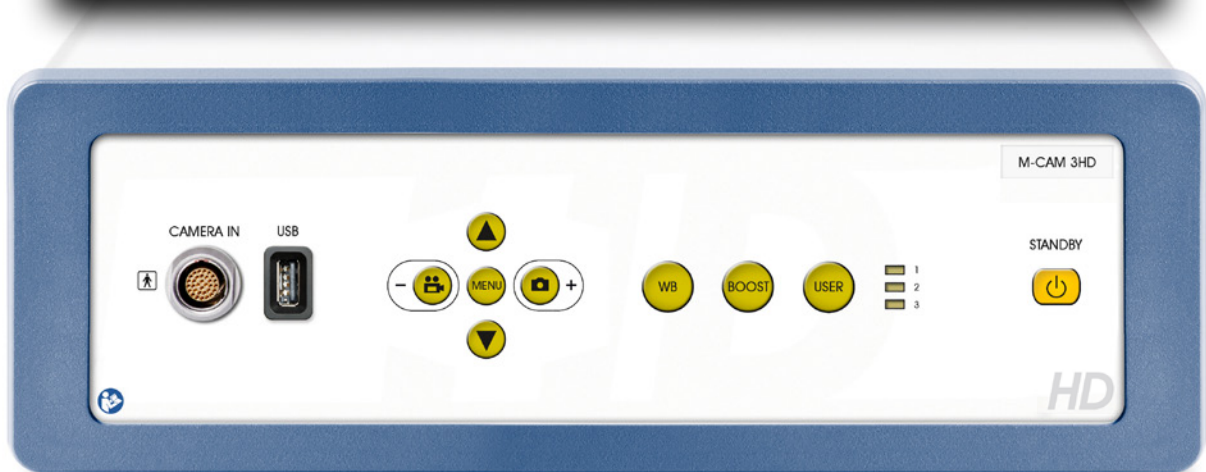
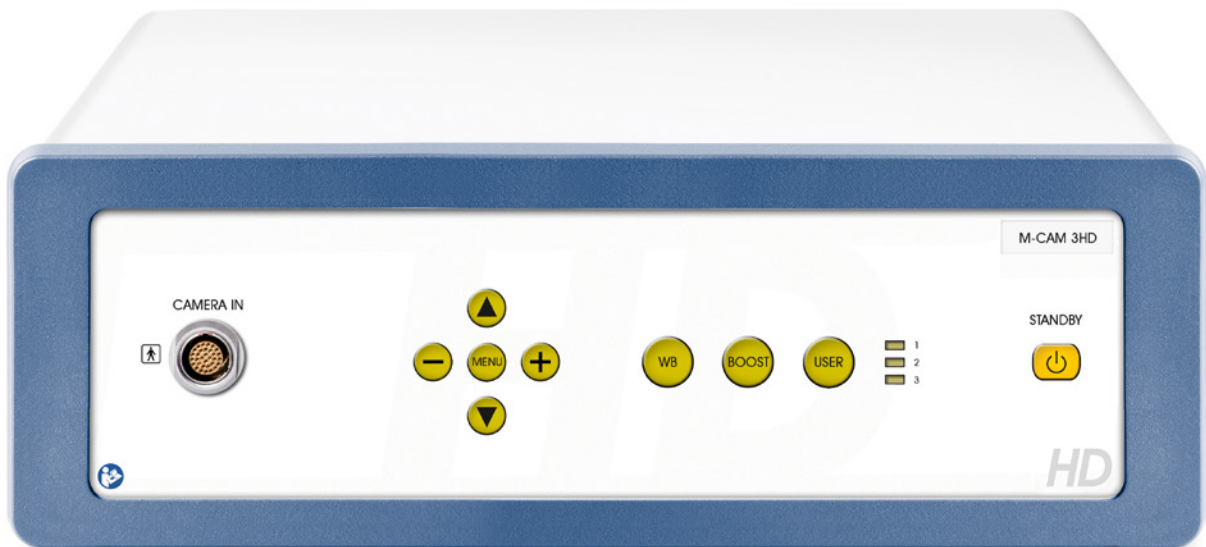


## CAMERAS

### M-CAM 3HD - HIGH DEFINITION CAMERA

- Full HD resolution
- High speed shutter
- Multilingual menu
- Remote camera head



# CAMERAS

## M-CAM 3HD - HIGH DEFINITION CAMERA

### Technical Data

---

|   |  |                     |                    |   |   |
|---|--|---------------------|--------------------|---|---|
| Camera head:  | <ul style="list-style-type: none"><li>• Aspect ratio: 16:9</li><li>• Image sensor: 3x 1/3" CMOS</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: full HD 1920 x 1080</li><li>• TV resolution: &gt; 1000 lines</li><li>• Sensitivity: &lt; 3 lux (1/1.4)</li><li>• White balance automatically, with data hold</li><li>• shutter speed: 1/50 (1/60) to 1/100.000 sec</li></ul>   |                     |                    |   |   |
| Recording (optional)  | <ul style="list-style-type: none"><li>• Image format: JPG 1920 x 1080</li><li>• Video format: Full HD 1920 x 1080; Mpeg-4 (H.264 Codec); Image rate 60fps</li><li>• Connection: USB (A)</li></ul>  |                     |                    |   |   |
| Connections   | <table><tr><td>Video out terminal:</td><td>Other connections:</td></tr><tr><td><ul style="list-style-type: none"><li>• 2x HD SDI</li><li>• 1x HDMI / DVI</li><li>• 1x Y-Pb-Pr (Component)</li><li>• 1x Y/C (PAL / NTSC)</li><li>• 1x CVBS (PAL / NTSC)</li></ul></td><td><ul style="list-style-type: none"><li>• 1 x USB (A) (USB-keyboard)</li><li>• 1 x Remote IN (footswitch)</li><li>• 1 x Remote OUT (videoprinter, videorecorder,...)</li><li>• 1 x RJ45 (Service)</li></ul></td></tr></table> | Video out terminal: | Other connections: | <ul style="list-style-type: none"><li>• 2x HD SDI</li><li>• 1x HDMI / DVI</li><li>• 1x Y-Pb-Pr (Component)</li><li>• 1x Y/C (PAL / NTSC)</li><li>• 1x CVBS (PAL / NTSC)</li></ul> | <ul style="list-style-type: none"><li>• 1 x USB (A) (USB-keyboard)</li><li>• 1 x Remote IN (footswitch)</li><li>• 1 x Remote OUT (videoprinter, videorecorder,...)</li><li>• 1 x RJ45 (Service)</li></ul> |
| Video out terminal:   | Other connections:   |                     |                    |   |   |
| <ul style="list-style-type: none"><li>• 2x HD SDI</li><li>• 1x HDMI / DVI</li><li>• 1x Y-Pb-Pr (Component)</li><li>• 1x Y/C (PAL / NTSC)</li><li>• 1x CVBS (PAL / NTSC)</li></ul> | <ul style="list-style-type: none"><li>• 1 x USB (A) (USB-keyboard)</li><li>• 1 x Remote IN (footswitch)</li><li>• 1 x Remote OUT (videoprinter, videorecorder,...)</li><li>• 1 x RJ45 (Service)</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>  |                     |                    |   |   |
| Features:   | <ul style="list-style-type: none"><li>• White balance, boost function</li><li>• On-screen-menu</li><li>• 3 user settings storable</li><li>• 2.5 digital zoom</li><li>• Freeze function</li><li>• Character generator</li></ul>   |                     |                    |   |   |
| Dimensions:   | <ul style="list-style-type: none"><li>• Control unit: 360mm x 125mm x 351mm (WxHxD); 4,5 kg</li></ul>  |                     |                    |   |   |
| Delivery contains:  | <ul style="list-style-type: none"><li>• CCU, camera head with 3,25m cable, mains cable, Y/C cable, BNC cable, HDMI - DVI cable, HDMI cable, user manual</li></ul>  |                     |                    |   |   |

### Camera head with push buttons

---



Weight: 145 g

Size: d= 38,5 mm; l= 81 mm

### Options

---

|                      |  |
|----------------------|--|
| Features             | <ul style="list-style-type: none"><li>• Image capture, video capture</li></ul>             |
| Optional accessories | <ul style="list-style-type: none"><li>• Waterproof keyboard</li><li>• Footswitch</li></ul> |