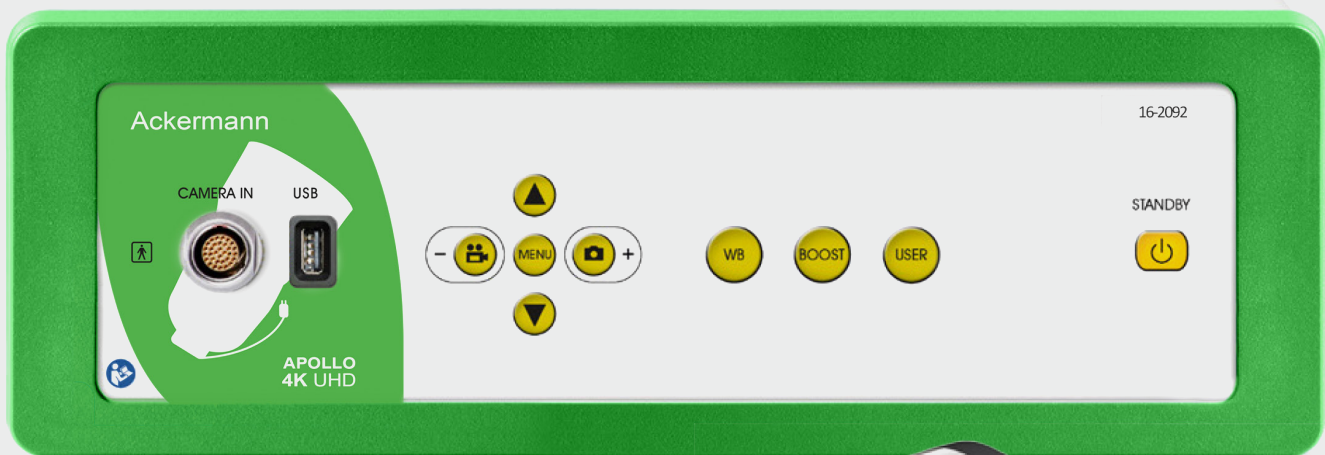


Innovating Tradition.

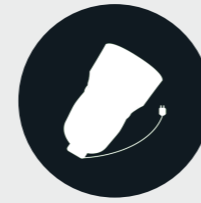


Apollo 4K UHD Camera

Ackermann Apollo is a sophisticated 4K Endoscopic Camera System providing Ultra High Definition Image Resolution at 3.840 x 2.160 pixels. The system includes the control unit with integrated USB recording and archive and a camera head featuring 4 programmable buttons. Additionally, it offers a zoom and freeze function, smoke correction and image enhancement of color and structure, a multi-language setup as well as 10 user presets for surgical applications.



Camera System



ACKERMANN APOLLO Camera System

KEY FEATURES

- ✓ 4K UHD camera technology
- ✓ Zoom, freeze & smoke correction
- ✓ Image enhancement of color and structure
- ✓ 10 User presets for surgical application
- ✓ Multi-lingual menu

TECHNICAL SPECIFICATIONS

CAMERA CONTROL UNIT

- ✓ White balance: Automatically, with data hold
- ✓ Options: Image and video capture
- ✓ Data management: True Full HD recording with external USB storage device
- ✓ User profiles: Up to 10
- ✓ Device protection: 2 x T3,15 A
- ✓ Delivered with: CCU, camera head, mains cable, HDMI cable, instructions for use
- ✓ Video outputs: 1 x HDMI 4K (3840 x 2160); 1 x HDMI Full HD (1920 x 1080); 1 x SDI 4K (4 x BNC) (3840 x 2160); 1 x SDI Full HD (1 x BNC) (1920 x 1080)
- ✓ Video formats: HDMI output: 3840x2160/59.94p, 3840x2160/50p, 1920x1080/59.94p, 1920x1080/59.94i, 1920x1080/50p, 1920x1080/50i; SDI output: 3840x2160/59.94p, 3840x2160/50p, 1080/59.94p, 1080/59.94i, 1080/50p, 1080/50i
- ✓ Dimensions: 360 x 124 x 335 mm
- ✓ Weight: 6,2 kg
- ✓ Electric power supply: 100 - 240 VAC @ 50 Hz - 60 Hz
- ✓ Power consumption: 50 VA
- ✓ Protection class: I (acc.to IEC 60601-1)
- ✓ Safety class: BF
- ✓ IP code: 20
- ✓ Device classification: I (acc. to MDD 93/42/EEC)
- ✓ Standard: IEC 60601-1-2

CAMERA HEAD

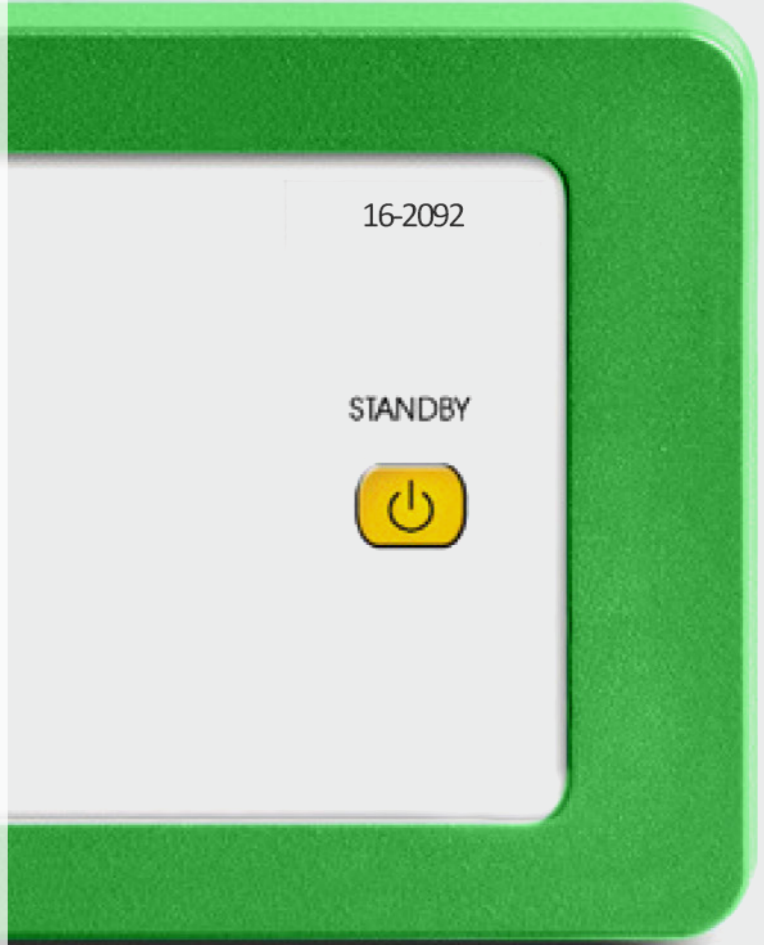
- ✓ Sensor: 3 x 1/3"
- ✓ Resolution: UHD 3840 x 2160
- ✓ Definition: 1600 lines
- ✓ Acquisition: 16:9 format
- ✓ Buttons: 4 push buttons
- ✓ Dimensions: 43 (D) x 85,7 mm (L) without grommet
- ✓ Sensor weight: 200 g
- ✓ Cable length: 3,05 m
- ✓ Noise: 54 dB

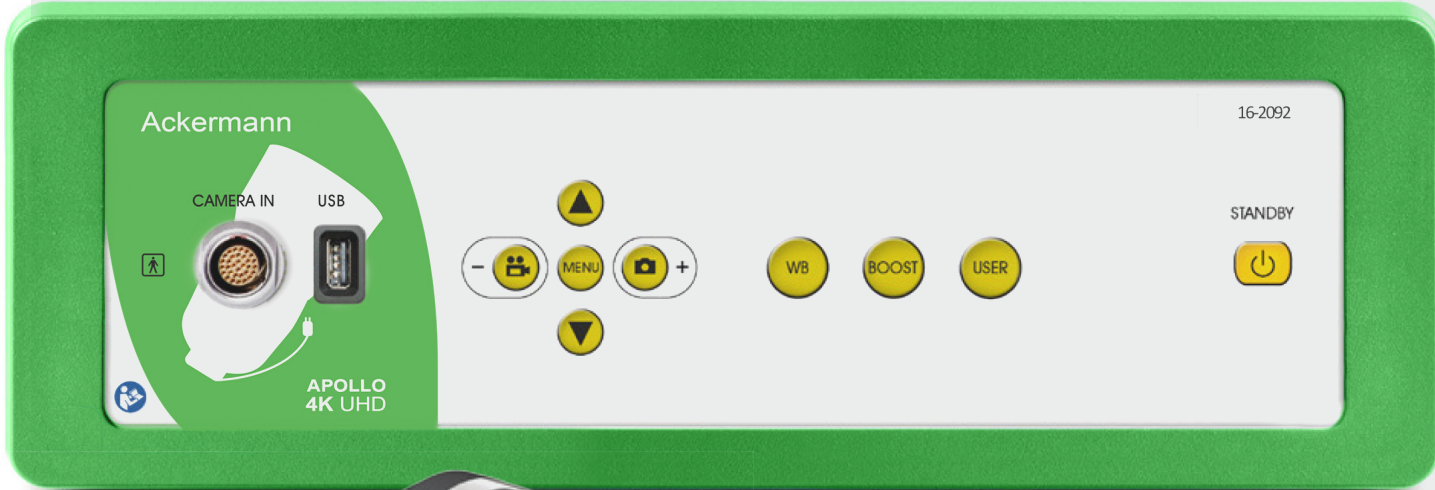
ITEM # **16-2092**

COLOR 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).

APOLLO 4K UHD





www.ackermannsurgical.com