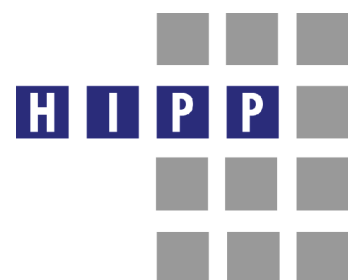


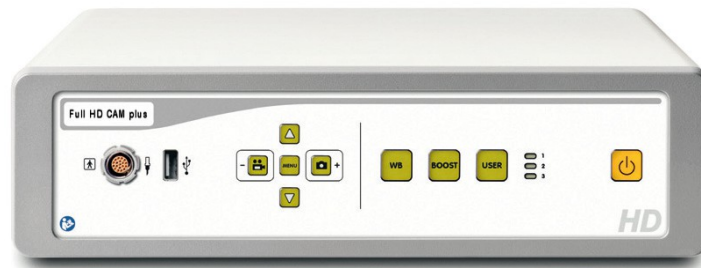
HIPP Endoskop Service GmbH

>> *your requirements are our aims.*



Technische Produktinformation Kamerasysteme
Technical Product Information Camera systems





Technical Data

Kamerakopf Camera head	Aspect ratio: 16:9 Image sensor: 1/3" MOS Immersible (using the attached cap)	
Energieversorgung Power supply	Voltage range: 100-240 V, power consumption 25 W Device protection: 2 x T3, 15 A Frequency: 50-60 Hz	
Video system	Image resolution: full HD 1920 x 1080 px TV resolution: > 1000 lines Sensitivity: < 3 lux (1/1.4) White balance automatically, with data hold shutter speed: 1/50 (1/60) to 1/100.000 sec	
Aufzeichnung Recording	Image format: JPG: 1920 x 1080 px Video format: Mpeg4 : 1920 x 1080 px	Connection: USB (A)
Anschlüsse Connections	Video out terminal: 1 x HDMI / DVI 1 x Y-Pb-Pr (Component) 1 x Video (PAL / NTSC) 1 x S-Video (PAL / NTSC)	Other connections: 1 x USB (A) (USB-keyboard) 1 x remote IN (foot switch) 1 x remote OUT (video printer, video recorder, ...) 1 x RJ45 (Service)
Standards	Protection class (acc. to IEC 60601-1: I Safety class: BF IP code: 20 Standard: ICE 60601-1-2 Device classification acc. MDD 93/42/EEC: I	
Features	White balance, boost function On-screen-menu 3 user settings storable 2.5 digital zoom Freeze function Character generator	
Abmessungen / Dimension	Control unit: 355 x 103 x 253 mm (WxHxD); 4,5 kg	
Lieferumfang / Delivery contains	CCU, camera head with 3m cable, mains cable, Y/C cable, BNC cable, HDMI - DVI cable, HDMI cable, user manual	

Camera Head



Remote camera head with programmable push buttons (zoom, freeze)

Weight: 105 g

Size: d= 34 mm; l= 73 mm



Technical Data

Kamerakopf Camera head	Aspect ratio: 16:9 Image sensor: 1/3" MOS Immersible (using the attached cap)	
Energieversorgung Power supply	Voltage range: 100-240 V, power consumption 25 W Device protection: 2 x T3, 15 A Frequency: 50-60 Hz	
Video system	Image resolution: full HD 1920 x 1080 px TV resolution: > 900 lines Sensitivity: < 3 lux (1/1.4) White balance automatically, with data hold shutter speed: 1/50 (1/60) to 1/100.000 sec	
Anschlüsse Connections	Video out terminal: 1 x HDMI	Other connections: 1 x USB (A) (USB-keyboard) 1 x remote IN (foot switch) 1 x remote OUT (video printer, video recorder, ...) 1 x RJ45 (Service)
Standards	Protection class (acc. to IEC 60601-1: I Safety class: BF IP code: 20 Standard: ICE 60601-1-2 Device classification acc. MDD 93/42/EEC: I	
Features	White balance, boost function On-screen-menu 3 user settings storable 2.5 digital zoom Freeze function Character generator	
Abmessungen Dimension	Control unit: 360 x 124 x 335 mm (WxHxD); 4.7 kg	
Lieferumfang Delivery contains	CCU, camera head with 3m cable, mains cable, HDMI - DVI cable, HDMI cable, user manual	

Camera Head



weight: 150 g
diameter: 36.5 mm
length: 65.2 mm (without grommet)



Technical Data

Kamerakopf Camera head	Aspect ratio: 4:3 Image sensor: 1/3" CCD Immersible (using the attached cap)
Energieversorgung Power supply	Voltage range: 100-240 V, power consumption 25 W Frequency: 50-60 Hz
Video system	Image resolution: PAL 752 x 582 px / NTSC 768 x 494 px TV resolution: > 470 lines Sensitivity: < 1 lux (1/1.4) White balance automatically, with data hold shutter speed: 1/50 (1/60) to 1/100.000 sec
Anschlüsse Connections	Video out terminal: 1 x Y-Pb-Pr (Component) 2 x Video (PAL / NTSC) 2 x S-Video (PAL / NTSC) 1 x SDI 1 x USB 2.0
Standards	Protection class (acc. to IEC 60601-1: I Safety class: BF IP code: 20 Standard: ICE 60601-1-2 Device classification acc. MDD 93/42/EEC: I
Features	White balance, Anti-moiree-filter
Abmessungen Dimension	Control unit: 355 x 103 x 253 mm (WxHxD); 4.4 kg
Lieferumfang Delivery contains	CCU, camera head with 3m cable, mains cable, Y/C cable, BNC cable, user manual

Camera Head



weight: 80 g
diameter: 29 mm
length: 55 mm

TV-Adapter TV-Adapters



- C-Mount Gewinde zum Anschluss an den Kamerakopf
- Bajonettverschluss zum Anschluss an das Endoskop
- einlegbar
- C-Mount thread for connection to the camera head
- Bayonet lock for connection to the endoscope
- soakable

TV-Adapter

Artikel article	Brennweite focal length	einlegbar soakable	Artikel-Nr. article-no.
TV Adapter	14 mm	✓	10-1218-00
TV Adapter	18 mm	✓	10-0134-00
TV Adapter	22 mm	✓	10-1220-00
TV Adapter	25 mm	✓	10-0132-00
TV Adapter	28 mm	✓	10-0056-00
TV Adapter	32 mm	✓	10-0135-00
TV Adapter	35 mm	✓	10-0060-00
TV-Adapter für flexible Endoskope	28 mm	✓	10-0301-00
TV-Adapter für flexible Endoskope	22 mm	✓	10-0302-00
Zoom TV Adapter	14 mm – 35 mm	-	HT-ZOOM-TV-ZU

