

COMBINATION

LED 50-HD series

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- Multifunctional system
 - Camera and Lightsource
 - Recording option
 - Full HD resolution
 - Multilingual menu
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LED 50-HD series

Technical Data

Camera head:	<ul style="list-style-type: none"> • Aspect ratio: 16:9 • Image sensor: 1/3" CMOS • Immersible (using the attached cap) 	Optional accessories: <ul style="list-style-type: none"> • Waterproof keyboard • Footswitch
Voltage range (current consumption):	• 100-240 V (95 VA)	
Frequency:	• 50-60 Hz (interlaced scan)	
Device protection:	• 2x T3,15 A	
Video system:	<ul style="list-style-type: none"> • Image resolution: full HD 1920 x 1080 • White balance automatically, with data hold • shutter speed: 1/50 (1/60) to 1/100.000 sec 	<ul style="list-style-type: none"> • TV resolution: > 900 lines • Sensitivity: < 3 lux (1/1.4)
Recording (optional)	<ul style="list-style-type: none"> • Image format: JPG 1920 x 1080 • Video format: Full HD 1920 x 1080; Mpeg-4 (H.264 Codec); Image rate 60fps • Connection: USB (A) 	
Lamp:	• LED lamp, comparable 50 W	
Light guide connection:	• Storz	
Connections	Video out terminal: • 1x HDMI	Other connections: • 1x USB (Keyboard) • 1x Remote IN (footswitch) • 1x RJ45 (Service) • 1x Remote OUT (external devices)
Protection class (acc.to IEC 60601-1):	• I	
Safety class:	• BF	
IP code:	• 20	
Standard:	• IEC 60601-1-2	
Device classification (EU) 2017/745, annex VIII:	• I	
Features:	<ul style="list-style-type: none"> • White balance, boost function • On-screen-menu • 3 user settings storable 	<ul style="list-style-type: none"> • 2.5 digital zoom • Freeze function • Character generator
Dimensions:	• Control unit: 295 x 128 x 278mm (WxHxD); Weight: approx. 5 kg	
Delivery contains:	• CCU, camera head with 3,05m (10ft) cable, mains cable, HDMI cable, user manual	

Series

	Recording (Video & Image)	1MOS camera	LED
LED 50-HD USB	x	x	x
LED 50-HD	-	x	x

Camera head without push buttons



Weight: approx. 150g
 Size: d= 36,5mm; l= 65mm
 (without bending sleeve)

Camera head with push buttons



Weight: approx. 180 g
 Size: d= 38mm; l= 79mm
 (without bending sleeve)