



1.3 | 4K ULTRA HD CAMERA STEMA PRO 2S 4K

- *Multilingual menu*
- *4K UHD and Full HD resolution*
- *3 user settings storable*
- *Automatic gain control (AGC)*
- *No pixel errors due to automatic pixel defect compensation*
- *Optimized settings for Laparoscopy, Arthroscopy, Gynecology, Urology, ENT, fiberscopes, Neuroendoscopy*
- *MIS-Bus interface for direct light source control via camera head*
- *With Capture module*



CA-001-060

Ordering no.	Product
CA-001-060	STEMA PRO 2S 4K

Technical data

Camera head	.....	All matching camera heads as well as the corresponding technical data please find on page 19-20
System		
Image resolution	.....	Full HD 1920 x 1080
White balance	.....	Manually with data hold
Supply voltage	.....	100-240 V AC
Frequency	.....	50-60 Hz
Current consumption	.....	0.8-0.4 A
Outputs	.....	4K UHD: 4 x 3G-SDI (3840 x 2160, 50/60p) / HD: 2 x 3G-SDI, 2 x DVI (1080p), 1 x MIS-Bus, 2 x USB, 2 x 3.5mm phone jack (recording/printer), 2 x 3.5mm phone jack (footswitch)
Standard	.....	IEC 60601-1
Device classification (EU) 2017/745, Annex VIII	.....	I
Safety class	.....	BF
IP code	.....	IP20
Directive compliance	.....	CE
Dimensions	.....	295 x 130 x 355mm (w x h x d)
Weight	.....	6.6 kg
Features	.....	On-screen menu, titel generator (USB), 3 user settings storable, capture module (image & video) , selective colour enhancement (SCE), smoke reduction

Delivery contains

Camera (control unit), operating manual, cable: mains (1), MIS-Bus (1), DVI (1), stereo jack (1)

1.3 CAMERA HEADS | STEMA PRO 2S 4K

Ordering no.

CA-001-041

CAMERA HEAD FULL HD ZOOM



Image sensor	1/3" CMOS (progressive)
Sensor resolution	1920 x 1080, 50/60p
Function keys	3 programmable, illuminated keys
Endo coupler	Standard ocular, lockable
Parafoal zoom	f = 14.25- 28mm
Connection plug	Waterproof
Reprocessing	STERRAD® compatible
Length cable	3.5m
Dimensions	39x40x134 mm with endocoupler
Weight	210 g

Ordering no.

CA-001-042

CAMERA HEAD FULL HD FIX FOCAL LENGTH



Image sensor	1/3" CMOS (progressive)
Sensor resolution	1920 x 1080, 50/60p
Function keys	3 programmable, illuminated keys
Endo coupler	Standard ocular, lockable
Focal length	f = 14.25
Connection plug	Waterproof
Reprocessing	STERRAD® compatible
Length cable	3.5m
Dimension	39x40x120 mm with endocoupler
Weight	200 g

Ordering no.

CA-001-043

CAMERA HEAD FULL HD 90° ANGLED



Image sensor	1/3" CMOS (progressive)
Sensor resolution	1920 x 1080, 50/60p
Function keys	3 programmable, illuminated keys
Endo coupler	Standard ocular, lockable
Focal length	f = 14.25
Connection plug	Waterproof
Reprocessing	STERRAD® compatible
Length cable	3.5m
Dimension	57x52x165 mm with endocoupler
Weight	190 g



1.3 | 4K ULTRA-HD CAMERA STEMA 4K PRO 1++ / 1+

- *Multilingual menu*
- *4K UHD resolution*
- *Zoom and freeze function*
- *Smoke reduction*
- *10 pre-settings for surgical application*

Ordering no.	Product
CA-001-017	STEMA FOUR K PRO 1++ CAPTURE
CA-001-016	STEMA FOUR K PRO 1+

Technical data

Camera head (with 4 push buttons)

Aspect ratio	16:9
Image sensor	3x1/3" CMOS
Immersible	Yes (using the attached cap)
Dimensions	43 x 85.7mm
Weight	500 g

System

Image resolution	Ultra HD 3840 x 2160
TV resolution	1.600 lines
Signal-to-noise ratio	54dB
White balance	Automatically with data hold
Voltage range	100-240 V (50VA)
Frequency	50-60 Hz
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)

Recording Options	HDMI Output: 3840 x 2160 / 59.94p (50p), 1920 x 1080 / 59.94p (59.94i/50p/50i)
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	SDI Output: 3840 x 2160 / 59.94p (50p), 1920 x 1080 / 59.94p (59.94i/50p/50i)
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Device protection	(59.94i/50p/50i)
Protection class (acc. IEC 60601-1)	2x T3, 15 A
Safety class	I
IP code	BF
Standard	IP 20
Device classification (EU) 2017/745, Annex VIII	IEC 60601-1-2 / IEC 60601-1-1
Dimensions	I
Weight	360 x 125 x 351mm (w x h x d) 6.2 kg

Features	4K UHD resolution, Zoom, freeze, smoke correction, 10 USER Presets for surgical application, Multilingual menu, Image enhancement
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CA-001-017: with capture module

CA-001-016: without capture module (Image/Video)



Delivery contains

Camera (control unit), camera head with cable (3.05m), operating manual, cable: mains (1), HDMI (1)