vitra® 4K1

Endoscopy Camera

- Native 4K image sensor with over 8 megapixels for clear detail.
- Ergonomic design for comfortable handling.
- Easy-to-clean surface for effective hygiene maintenance.
- Slim profile for optimal grip and control.
- Durable metal housing for extended longevity.
- Standard C-mount interface compatible with various lenses.
- Non-stick silicone cable, compatible with STERIS and STERRAD.

CAMERA CONTROLLER

- Advanced enhancement algrithm delivers accurate visualization.
- Digital flexible filter designed to use with fiber optic scopes.
- Digital zoom and freeze functions offer precise, steady imaging.
- Mirror, flip, and rotation functions for ultimate viewing flexibility.
- Direct video recording to USB, with image capture available during recording.
- Full-coverage glass front panel allows for easy cleaning and effective disinfection with a damp cloth.

TECHNICAL DATA

Video system	50Hz/ 60Hz Mode
Effective pixels	3840(H)×2160(V)
Resolution	> 1800TV Lines
Output signal	HDMI / 12G - SDI
Control	External 2 channels Rs232 (upon request)
Interface	2x USB 3.0 host (Back) 1x USB 3.0 host (Front) 1x RJ45 Ethernet (Streaming) 1 x JACK (3.5mm, ACC1/2) 1 x Mini-DIN 6 (RS232/CAN)
Classification	Class I / CF
File System	exFAT / FAT32 /ext-4
Video Recording	H264/265 Compression
Image Capturing	JPEG format

Camera Head

Dimensions (W×H×D)	35 × 40× 67 mm
Weight	90g
Image Sensor	1/3 format, CMOS
Control buttons	3 (user programmable)
Operation Temp.	0°C - +35°C
Reprocessing	Soakable, IPX7
Cable Diameter	Approx. 7 mm
Cable Jacket	Silicone
Steriliation	Sterrad,Steris Autoclavable (On request)

ORDERING DATA

6190.02.02	vitra 4K1 Endoscopy camera head
6190.12.03	vitra 4K1 Endoscopy camera controller

Specifications, design and accessories are subject to change without any notice or obligation on the part of the manufacturer.