C-HE & C-HESC

cloup

C-HE

2.0 MP
CMOS
HDMI
USB-IN
MICRO SD

C-HESC

2.0 MP
CMOS
HDMI
USB-IN
MICRO SD
11.5"
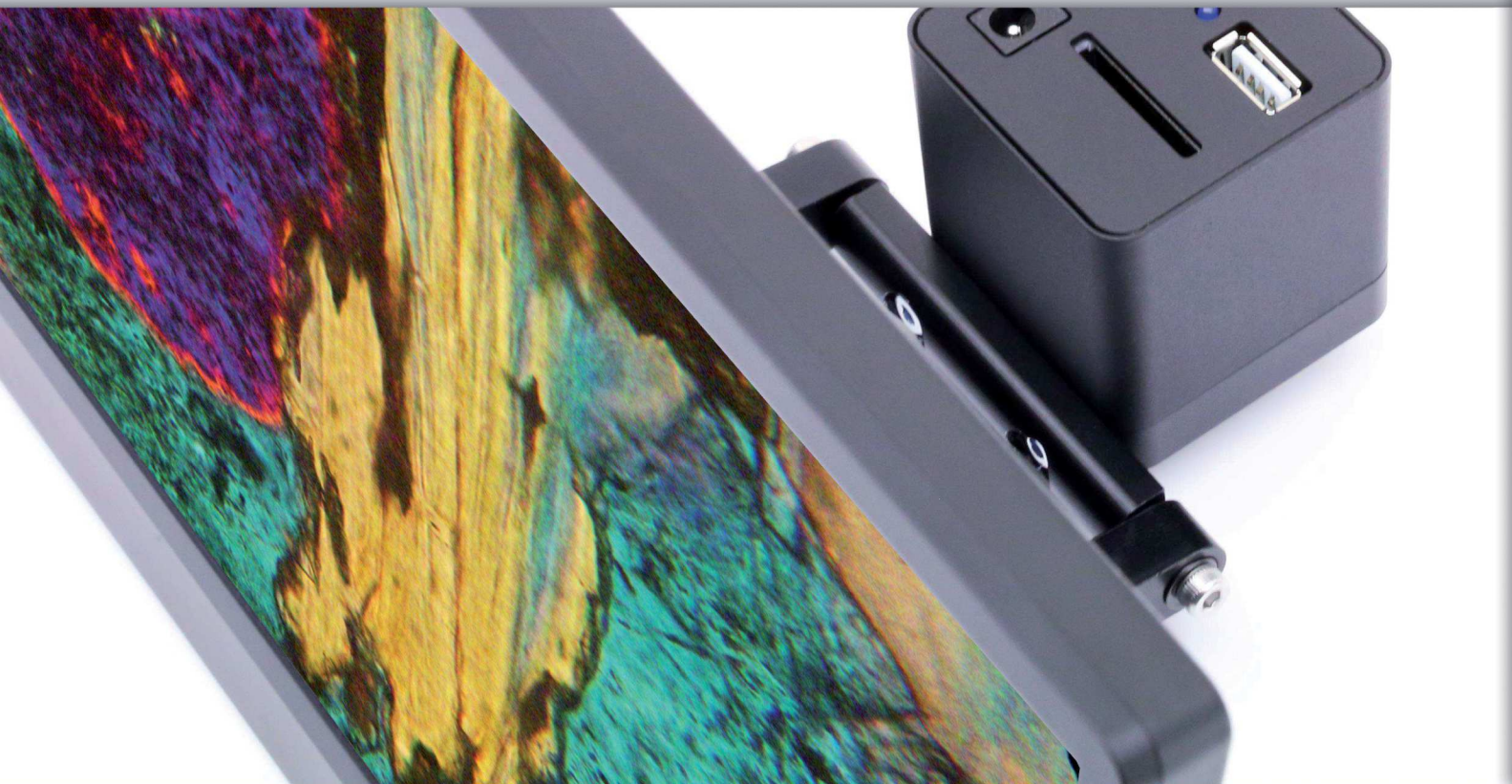
Cost-effective, entry-level HD camera with 720p, 2 MP resolution, CMOS sensor and HDMI connection, recommended for its easy operation, no software installation is required with image capturing on SD card.
Connection into the eyepiece tube or to the trinocular tube of any microscope brand via dedicated adapter (to be purchased separately).
Available also as an all-in-one, space saving package including a 11.5" full HD monitor with compact footprint, enabling screen adjustment to ensure correct posture and eliminate fatigue during observation connectable to trinocular tube only via dedicated adapter (to be purchased separately).
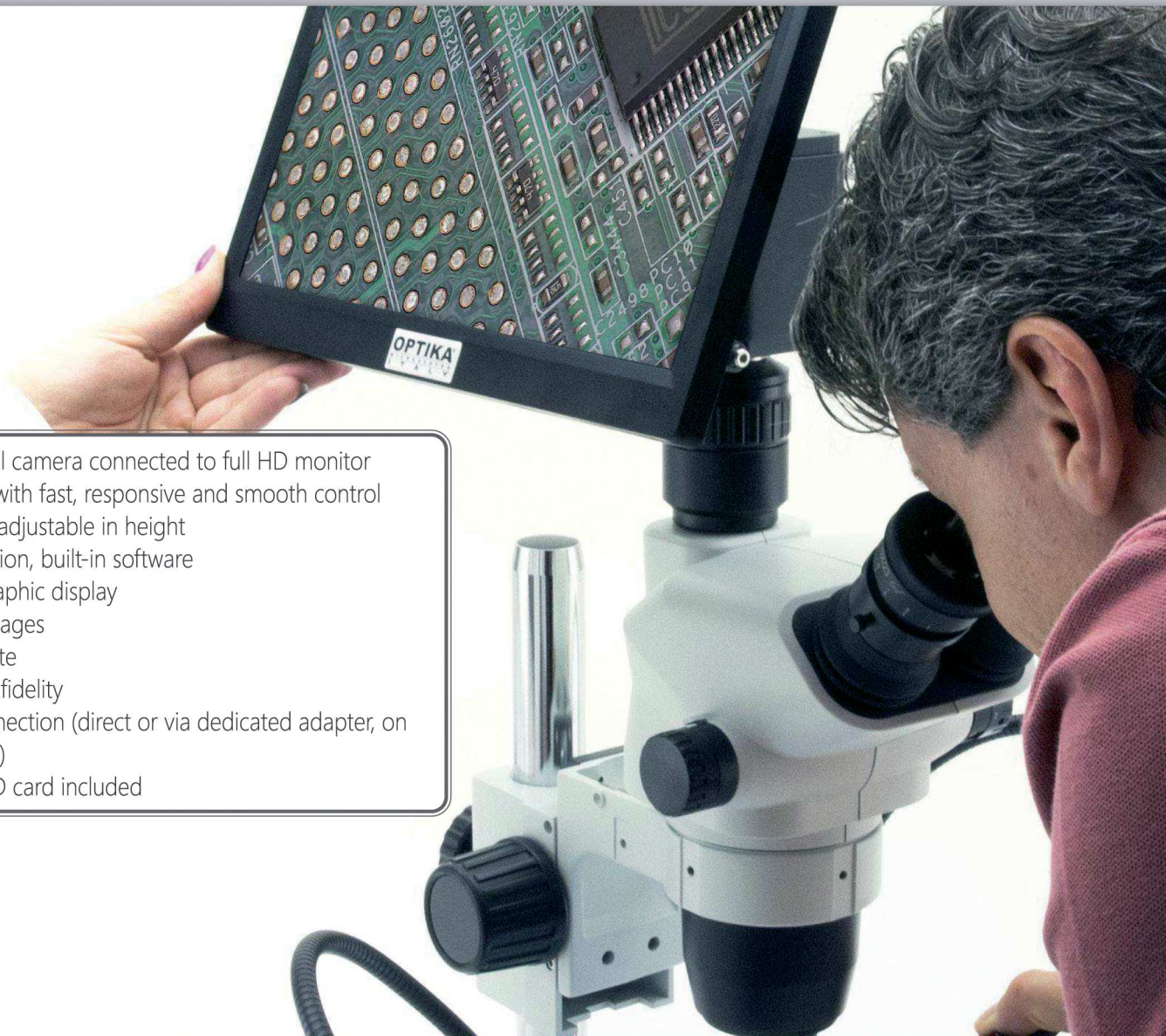Wireless mouse, SD card and built-in software included.

C-HE & C-HESC

C-HE

» Simple operation, built-in software
» Crisp 2 MP images
» High frame rate
» Reliable color fidelity
» C-mount connection (direct or via dedicated adapter, on any microscope)
» Mouse and SD card included

C-HESC

» External digital camera connected to full HD monitor
» Large screen with fast, responsive and smooth control
» Tiltable to be adjustable in height
» Simple operation, built-in software
» Vivid color graphic display
» Crisp 2 MP images
» High frame rate
» Reliable color fidelity
» C-mount connection (direct or via dedicated adapter, on any microscope)
» Mouse and SD card included

C-HE & C-HESC

C-HE Models:

C-HE: HE camera, 720p, 2 MP CMOS, HDMI, multi-plug

C-HESC: HE camera, 720p, 2 MP CMOS, HDMI, with screen, multi-plug

C-HE & C-HESC - Specifications

	C-HE	C-HESC
Video resolution (USB output)	-	-
Video resolution (HDMI output)	HD 720p	HD 720p
Digital camera resolution	2 MP (1280 x 720)	2 MP (1280 x 720)
Signal output	HDMI	HDMI
Sensor Size	1/2.8″	1/2.8″
Sensor technology	CMOS	CMOS
Sensor type	APTINA	APTINA
Image format	16/9	16/9
Pixel size	2.8 x 2.8 µm	2.8 x 2.8 µm
Frame rate (HDMI)	30 fps (1208 x 720 HDMI); 30 fps (1920 x 1080 Capture)	30 fps (1208 x 720 HDMI); 30 fps (1920 x 1080 Capture)
Sensitivity	510 mV at 1/30sec	510 mV at 1/30sec
Dark Signal	0.15mV at 1/30sec	0.15mV at 1/30sec
Exposure Time	0.06 msec - 1.9 sec	0.06 msec - 1900 msec
Binning	1x1	1x1
IR filter	380-650 nm (IR-cut filter)	380-650 nm (IR-cut filter)
Camera power	DC 12V 1A	DC 12V 1A
C-mount	YES	YES
White balance	Auto	Auto
Gain control	Manual	Manual
Exposure control	Auto / Manual	Auto / Manual

C-HE & C-HESC

C-HE Contents:
HDMI camera
HDMI cable
SD card
Wireless mouse
Multi-plug external power supply

C-HESC Contents:
HDMI camera
HDMI monitor
HDMI cable
SD card
Wireless mouse
Multi-plug external
power supply (2 pcs.)

C-HE & C-HESC - Monitor Specifications

MONITOR TECHNICAL SPECIFICATIONS	
Size	11,5"
Power supply	12V / 2,5A
HDMI cable	180 cm