



C-H4K Contents:

4k Camera
 USB Cable 180cm
 HDMI Cable 150cm
 Wireless Mouse
 16gb SD Card
 Calibration slide



- » Simple operation, built-in software
- » Universal connection to any microscope brand
- » Ultra HD 4K 2160p images and videos
- » Dual output mode (HDMI/USB)
- » High frame rate
- » Reliable color fidelity
- » C-mount connection (via dedicated adapter, on any microscope)
- » HDMI cable, mouse and SD card included
- » Downloadable, free of charge software
- » OPTIKA ProView for Windows



Model:

C-HP4: HP4 camera, 8 MP CMOS, USB/HDMI/4K, multi-plug

C-HP4 - Specifications

	C-HP4
PC Camera resolution (MP)	8 MP
HDMI Camera resolution (MP)	8 MP
Camera resolution (n° of pixels: W x H)	3840x2160
Color / Monochrome	Color
Sensor Size	1/1.8"
Sensor technology	CMOS
Sensor type	SONY
Image format	16/9
Pixel size	2.0 x 2.0 µm
Frame rate full resolution	30@ 3840x2160
G Sensitivity	505mV at 1/30s
Dark Signal	0.13mV at 1/30s
ADC conversion	8 Bit - 12 Bit
Color Depth	1 Bit; 4 Bit; 8 Bit; 24 Bit
Exposure Time	0.04 msec- 2 sec
Binning	1x1
IR filter	380-650 nm (IR-cut filter)
Camera power	12V 1A
C-mount	YES

4 Camera Adapters Charts

		Upright			
		Monocular Binocular (Ø 23 mm)	Trinocular (Ø 23 mm)	Binocular (Ø 30 mm)	Trinocular
Camera model	Sensor size	Ecovision / B-60 / B-150 B-190-290 / B-380 (ALC)	B-190 / B-290 B-380 (with M-699)	B-510 / B-810 / B-1000	B-380 / B-510 B-810 / B-1000
C-P3	1/2.8"	M-115	M-115	M-115 + M-113.1	M-620
C-P6	1/1.8"	M-114	M-114	M-114 + M-113.1	M-620.1
C-P8	1/2.5"	M-115	M-115	M-115 + M-113.1	M-620.1
C-P20	1"	-	-	-	M-620.3
C-P5GS	2/3"	M-118	M-118	M-118 + M-113.1	M-620.2
C-HP	1/1.9"	M-114	M-114	M-114 + M-113.1	M-620.1
C-HPSC	1/1.9"	M-114	M-114	M-114 + M-113.1	M-620.1
C-WH5	1/1.8"	M-114	M-114	M-114 + M-113.1	M-620.1
C-WH5SC	1/1.8"	M-114	M-114	M-114 + M-113.1	M-620.1
C-HA	1/2.8"	M-115	M-115	M-115 + M-113.1	M-620
C-HP4	1/1.8"	M-114	M-114	M-114 + M-113.1	M-620.1



Camera Adapters Charts

Inverted	Stereo		
Trinocular	Binocular (Ø 30.5 mm)	Binocular (Ø 30 mm)	Trinocular
IM-3 / IM-5	SFX	SLX / SZ / SZP	SLX / SZ / SZP
M-620	M-115 + M-113.2	M-115 + M-113.1	M-620
M-620.1	M-114 + M-113.2	M-114 + M-113.1	M-620.1
M-620.1	M-115 + M-113.2	M-115 + M-113.1	M-620.1
M-620.3	-	-	M-620.3
M-620.2	M-118 + M-113.2	M-118 + M-113.1	M-620.2
M-620.1	M-114 + M-113.2	M-114 + M-113.1	M-620.1
M-620.1	M-114 + M-113.2	M-114 + M-113.1	M-620.1
M-620.1	M-114 + M-113.2	M-114 + M-113.1	M-620.1
M-620.1	M-114 + M-113.2	M-114 + M-113.1	M-620.1
M-620.1	M-114 + M-113.2	M-114 + M-113.1	M-620.1
M-620	M-115 + M-113.2	M-115 + M-113.1	M-620.1
M-620.1	M-114 + M-113.2	M-114 + M-113.1	M-620

