

Video Microscope Table MEA-VMTC-X with Camera

Video Microscope Table with Camera(s) for imaging samples on MEAs in MEA Amplifiers

Technical Specifications

General

Operating temperature	10 °C to 50 °C
Storage temperature	0 °C to 50 °C
Dimensions (W x D x H)	305 mm x 305 mm x 92 mm
Weight	3450 g (MEA-VMTC-1), 4400 g (MEA-VMTC-2)
Weight of accessories	50 g

Camera

1 Camera for MEA-VMTC-1	UI-3480LE-M-GL from IDS
2 Cameras for MEA-VMTC-2	(USB 3.0 monochrome 2560x1920 1/2")
Sensor type	CMOS
Frame rate	15.2 fps
Resolution	2560 x 1920
Shutter	Global start shutter, rolling shutter
Optical class	1/2 "
Pixel class	4.92 MPixel
Pixel size	2.2 µm

Macro zoom lens

Type / Manufacturer	MLM3X-MP from COMPUTAR
Maximal magnification	0.3 x - 1.0 x
Maximal aperture ratio	1 : 4.5

Power Supply

USB powered	USB powered
PC Interface	1 x USB 3.0 (MEA-VMTC-1) 2 x USB 3.0 (MEA-VMTC-2)

Software

MEA-Monitor software	Version 1.0.5
µEye	Version 4.90.6
Operation system	Microsoft Windows ® 10, 8.1 and 7 (32 or 64 Bit), English and German version supported