

VMU-L Laser Mount to C-Mount Adapter

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VMU-L Laser Mount to C-Mount Adapter, #37-044

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1

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€336^{.00}

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SPECIFICATIONS

General

Objective Thread Adapter

Type:

Note:
Attaches to the laser mount on [#89-622](#) for dual-camera system. Compatible with 2/3" or smaller C-Mount cameras.

Regulatory Compliance	
Exempt	RoHS 2015:
View	Certificate of Conformance:
Contains SVHC(s)	REACH 241:

- The Mitutoyo Video Microscope Units (VMU) are used to connect [infinity corrected objectives](#) to a [C-mount or F-mount camera](#) for quick and easy setup of microscopy systems. Providing 1X magnification, the Mitutoyo Video Microscope Unit (VMU) features an in-line illumination port for maximum contrast and simple illumination compared to epi-illumination techniques. The Brightfield VMU configurations are fitted with an adjustable iris to control light throughput without adjusting camera shutter or gain.

Mitutoyo Manual Turrets are available for each VMU configuration. They feature four objective mounts which enable quick transition between multiple objectives of different magnifications. Pairing the turret with the VMU creates a flexible video imaging microscope system.

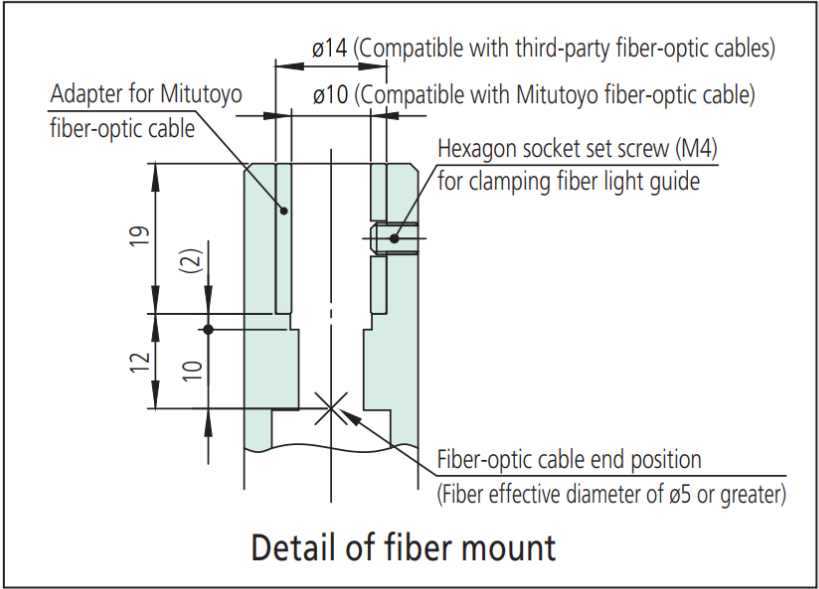
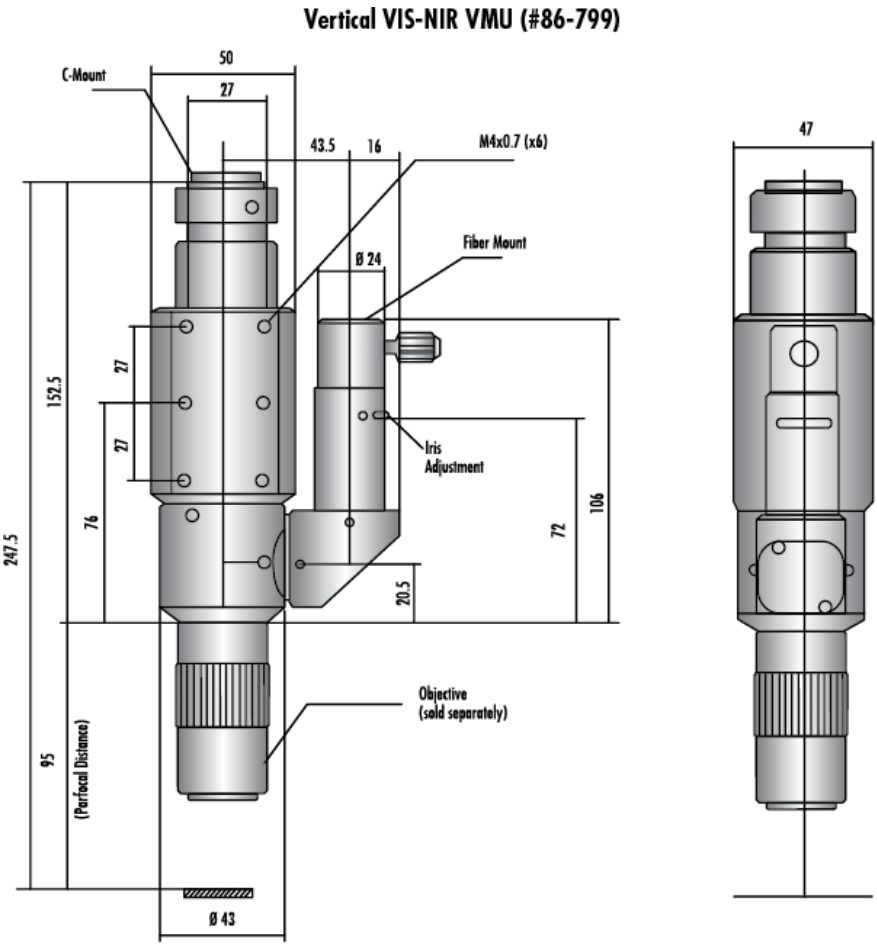
[illegible]

Technical drawing showing the dimensions for the C-mount and Fiber Mount configurations of the camera module. The drawing includes the following dimensions:

- C-mount Dimensions:**
 - Mounting hole diameter: $\text{Ø}35$
 - Mounting hole pitch: 113.5
 - Mounting hole offset: 89.5
 - Mounting hole diameter: $\text{Ø}43$
 - Mounting hole pitch: 106
 - Mounting hole offset: 76
 - Mounting hole diameter: $\text{Ø}27$
 - Mounting hole pitch: 27
 - Mounting hole offset: 20.5
 - Mounting hole diameter: $\text{Ø}43$
 - Mounting hole pitch: 106
 - Mounting hole offset: 20.5
 - Mounting hole diameter: $\text{Ø}43$
 - Mounting hole pitch: 106
 - Mounting hole offset: 20.5
- Fiber Mount Dimensions:**
 - Mounting hole diameter: $\text{Ø}35$
 - Mounting hole pitch: 113.5
 - Mounting hole offset: 89.5
 - Mounting hole diameter: $\text{Ø}43$
 - Mounting hole pitch: 106
 - Mounting hole offset: 76
 - Mounting hole diameter: $\text{Ø}27$
 - Mounting hole pitch: 27
 - Mounting hole offset: 20.5
 - Mounting hole diameter: $\text{Ø}43$
 - Mounting hole pitch: 106
 - Mounting hole offset: 20.5
- Other Dimensions:**
 - Mounting hole diameter: $\text{Ø}35$
 - Mounting hole pitch: 113.5
 - Mounting hole offset: 89.5
 - Mounting hole diameter: $\text{Ø}43$
 - Mounting hole pitch: 106
 - Mounting hole offset: 76
 - Mounting hole diameter: $\text{Ø}27$
 - Mounting hole pitch: 27
 - Mounting hole offset: 20.5
 - Mounting hole diameter: $\text{Ø}43$
 - Mounting hole pitch: 106
 - Mounting hole offset: 20.5

Units: mm

[illegible]



Mitutoyo Video Microscope Unit (VMU) and Mitutoyo Turret						
Wavelength Range:	VIS-NIR		NUV-VIS-NIR Nd:YAG 355/532/1064nm	VIS-NIR-SWIR Widefield Hi-Res	VIS Widefield BD	
Type:	Brightfield		Brightfield	Brightfield	Brightfield/Darkfield	
Orientation:	Vertical	Horizontal	Vertical	Vertical	Vertical	Horizontal
Model:	378-505	378-506	378-507	378-519	378-517	378-518
Tube Lens Magnification:	1X		1X	1X	1X	
Camera Mount:	C-Mount		C-Mount	F-Mount or C-Mount w/included adapter	F-Mount or C-Mount w/included adapter	
Objective Mount:	M26 x 36 TPI		M26 x 36 TPI	M26 x 36 TPI	M40 x 36 TPI	
Max. Sensor Format:	2/3"		2/3"	APS-C	APS-C	
Weight:	570g	590g	980g	1400g	2150g	
Stock Number:	#86-799	#89-621	#89-622	#23-338	#18-653	
Manual Turret (Four Objective Mounts):	#86-589		#86-589	#18-654	#18-655	
Compatible Objectives:	M Plan Apo/HR/SL and G Plan Apo		M Plan Apo/HR/SL and M Plan NIR/NUV	M Plan Apo/HR/SL G Plan Apo M Plan Apo NIR	BD Plan Apo	
VMU-L Laser Mount to C-Mount Adapter:	N/A		#37-044	N/A	N/A	