



# Video Microscope Unit VMU



VMU-V (1 inch version)

## ■ Features

- **Available for wide-field of view ( $\phi 16\text{mm}$ ) observation**  
Incorporates 1 inch format, a wide-field image sensor providing wide-field observation.
- **Small, lightweight microscope unit designed for a camera observation system**  
Suitable for observing a wide range of objects: metal, resin, printed surfaces, minute mechanisms, etc.
- **Equipped as standard with a telecentric illumination system with aperture diaphragm**  
This is the best illumination system for image processing applications (e.g. dimension measurement, form inspection and positioning) which require even lighting.
- **Available for dual-camera (high & low magnification) observation**

## ■ Specifications

Model No.		VMU-V (1 inch version)	
Camera mounting orientation		Vertical	
Observation		Bright-field, erect image	
Optical tube	Camera port	Optical features	Magnification: 1x, Wavelength, visible radiation
		Optical features	C-mount (centering and parfocal adjustment)
	Optical features		1x (visible-NIR)
	Image field		ø16
	Laser port	Optical features	—
		Optical features	—
Polarizer *1		Available for observation	
Polarizer (optional)	For observation	M Plan Apo M Plan Apo HR M Plan Apo SL G Plan Apo	
	For laser cutting	—	
Suitable camera		1 inch format or smaller C-mount compatible type	
Optical system illumination		Telecentric with aperture diaphragm	
Fiber-optic illuminator (optional)		12V, 100W (378-700), 15V, 150W (176-316)	

\*1: M Plan Apo 1x objective should be used together with a polarizer (378-710)

## ■ Dimensions

