

# Observation Unit with Coaxial Illumination

OUCI-2

RoHS

Catalog Code

W2012

This compact microscope body is a customizable high performance imaging system for use in a wide range of applications from scientific research to industrial production equipment.

- Accepts a wide variety of infinity corrected objectives.
- Can be combined with a wide variety of optional components to accomodate many applications.



## Guide

- ▶ Support Infinity corrected objective lenses
- ▶ Support Olympus made objective lenses at various magnifications as standard
- ▶ The coaxial epi-illumination of the light guide enables the observation of bright fields. The contrast of the illuminated light can be adjusted with an aperture stop.

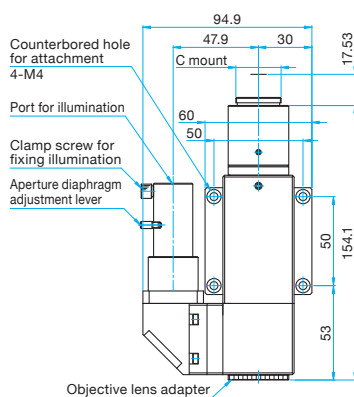
## Specifications

| Part Number                       | OUCI-2                        | OUCI-M1M1 |
|-----------------------------------|-------------------------------|-----------|
| Camera port                       | 1                             | 2         |
| Imaging lens focal length [mm]    | 200                           | 200       |
| Camera mount                      | C mount (less than 2/3)       |           |
| Mounting screw for Objective lens | M20.32 P=0.706<br>M26 P=0.706 |           |

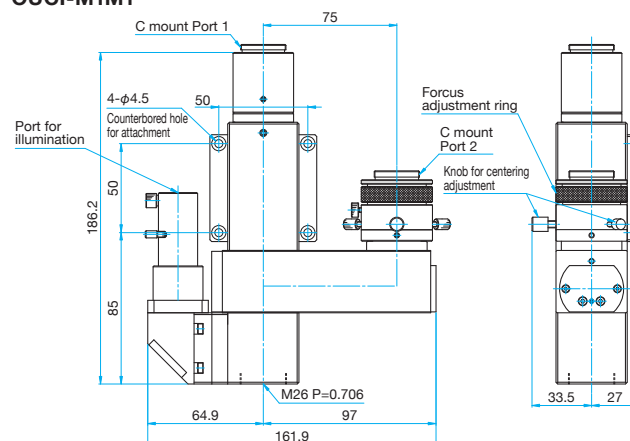
## Outline Drawing

(in mm)

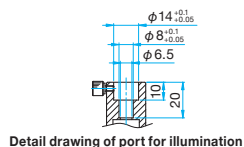
### OUCI-2



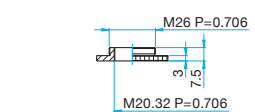
### OUCI-M1M1



### OUCI-2 and OUCI-M1M1 Common Specification

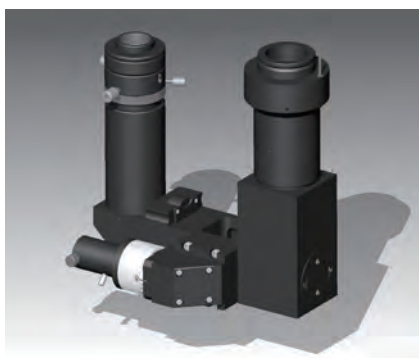


Detail drawing of port for illumination



Detail drawing of objective lens adapter

## Reference product / Observation unit with laser input port



- Please contact International Sales Division for more detail.

## Specifications

|                                    |                                                            |
|------------------------------------|------------------------------------------------------------|
| Wavelength range [nm]              | YAG Laser 266, 355, 532, 1064                              |
| Port                               | 3 (Camera port 1, Illumination port 1, Laser input port 1) |
| Imaging lens focal length [mm]     | 200                                                        |
| Camera mount                       | C mount                                                    |
| Mounting thread for Objective lens | M20.32 P=0.706, M26 P=0.706                                |

## Application Systems

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## Inspection/Observation

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