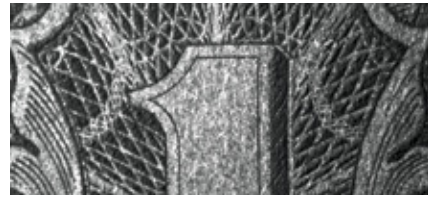


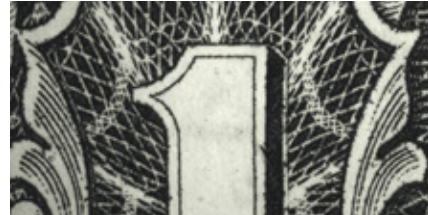
# HIGH PERFORMANCE UV LENSES

An optical system that employs optical-grade quartz glass for imaging in the near-ultraviolet region. This lens is optimized for application in the inspection of minute surfaces. Used for detection of counterfeit banknotes; falsified documents and credit cards, surface inspection of circuit boards for soldering defects.

- High performance quartz glass, enabling the capture of sharp images in the near-ultraviolet region
- Extended wavelength range (230 nm to 800 nm), with peak performance at 365 nm
- Compact design, ideal for integration into machine vision systems
- Optimised for use with band pass filters and UV illumination to provide falsified documents detection



UV Lens with near UV light. The texture of material and unevenness of ink can be recognized

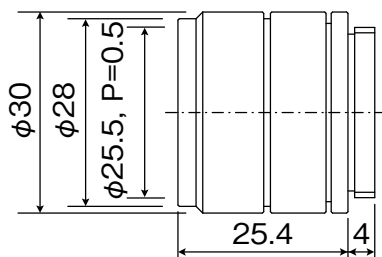


Ordinary Lens with visible light

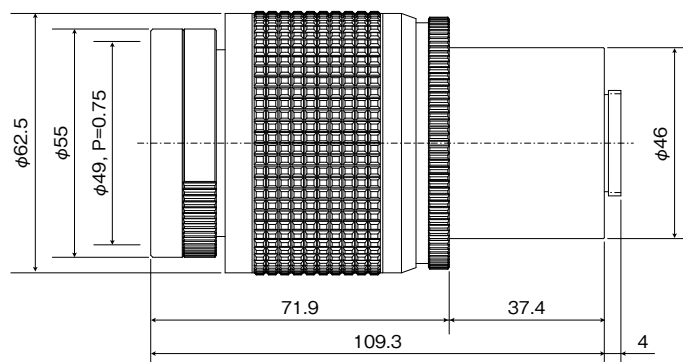
Part No.	Format size	Mount	Focal length (mm)	Iris range	Min. Pixel Pitch (μm)*	M. O. D. (m)	Horizontal angle of view	Filter size (mm)	Dimensions (mm)	Price (Euro)
FL-BC2528-VGUV	1"	C	25	2.8 - 16	35.00	0.23	29.7°	25.5	Ø30.0 × 25.4	1,199.00
FL-BC7838-VGUV	1"	C	78	3.8 - 16	17.50	0.44	9.5°	49.0	Ø62.5 × 109.3	3,099.00

\* Min. Pixel Pitch at 30% contrast (measuring on the edge of the Optic)

Unit: mm



FL-BC2528-VGUV



FL-BC7838-VGUV