

High Resolution Fixed Focal Length Lens

VS-HVA FFL SERIES

1.1" 2.74 μ m support ,
Compact Design Fixed Focal Length Lens



Focal Length : f12mm / f16mm / f25mm / f35mm / f50 mm

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Features

- 1.1" sensor, 2.74μm compatible high resolution lens
- Accurate image can be obtained due to the design with less distortion to the periphery
- More compact and lightweight than conventional models



Model	Focal Length	Fno.	M.O.D	Dimension	Weight	Max Sensor	Mount
VS-HVA1226	12mm	F2.6~Close	100mm	φ 37.5 x 51.2	126g	1.1"	C-Mount
VS-HVA1626	16mm	F2.6~Close	100mm	φ 37.5 x 50	128g	1.1"	C-Mount
VS-HVA2524	25mm	F2.4~Close	100mm	φ 37.5 x 45	116g	1.1"	C-Mount
VS-HVA3522	35mm	F2.2~Close	200mm	φ 39.5 x 48.5	122g	1.1"	C-Mount
VS-HVA5024	50mm	F2.4~Close	200mm	φ 40 x 57.5	142g	1.1"	C-Mount

The ideal lens for situations where you are seeking a wide field of view / increased resolution without changing the WD.

Our conventional models VS-HVA1226

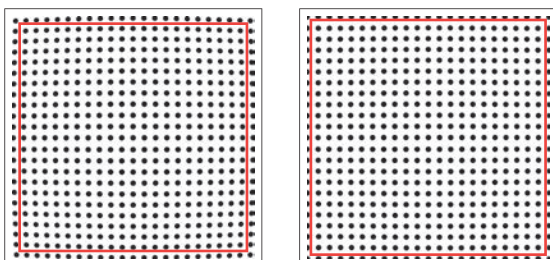
Distortion in periphery, low contrast

Operation with a robot in a logistics warehouse, etc.

QR codes can be detected smoothly from any position within the angle of view, contributing to work efficiency.

Captured image using VS-HVA1226

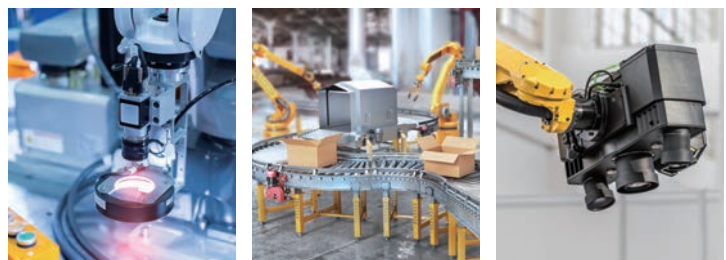
Minimal distortion even when imaging at the closest working distance(WD100mm)



Our conventional 12mm fixed focus lens

VS-HVA1226

Application



Machine Vision

Logistics

Robot