

For UV Mega·pixel Machine Vision

H 2 5 2 0 - U V M

2 5 mm 1 : 2

1. Model H 2 5 2 0 – U V M

2. Application For UV Mega·pixel Machine Vision 1/2 Format CCD Camera

3. Specification

3-1. Physical (As per the attached drawing)

(1) Dimensions ϕ 29.5 mm \times 46 mm
 (2) Weight 78 g
 (3) Mount C-Mount (1 – 32 UN – 2A)
 (4) Filter Screw Size ϕ 27 mm , P = 0.5 mm

3-2. Optical

(1) Focal Length 25 mm \pm 5% (λ =330nm)
 (2) Max. Aperture Ratio 1: 2
 (3) Iris Range F / 2 to F / 16
 (4) Angle of View Diagonal 18.2°
 Horizontal 14.6°
 Vertical 11.0°
 (5) Picture Format 6.4 mm \times 4.8 mm
 (6) Focusing Range Inf. to 0.25m
 (7) Back Focal Length 12.01 mm (λ =330nm)
 (8) Flange Back Length 17.526 mm \pm 0.05 mm
 (9) Base Wavelength 330 nm
 (10) Recommended Practical Wavelength Range 280 nm to 365 nm

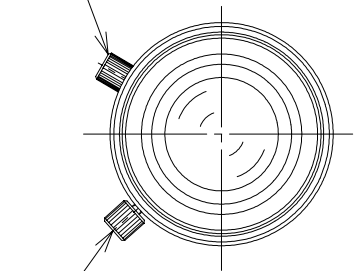
3-3. Mechanical

(1) Focusing Mechanism Straight Helicoid
 Rotation Angle 159.2°
 Rotation Torque 0.98 N·cm to 6.86 N·cm
 Focus Ring can be fixed at any positions by fixing screw ①
 (Refer to external view)

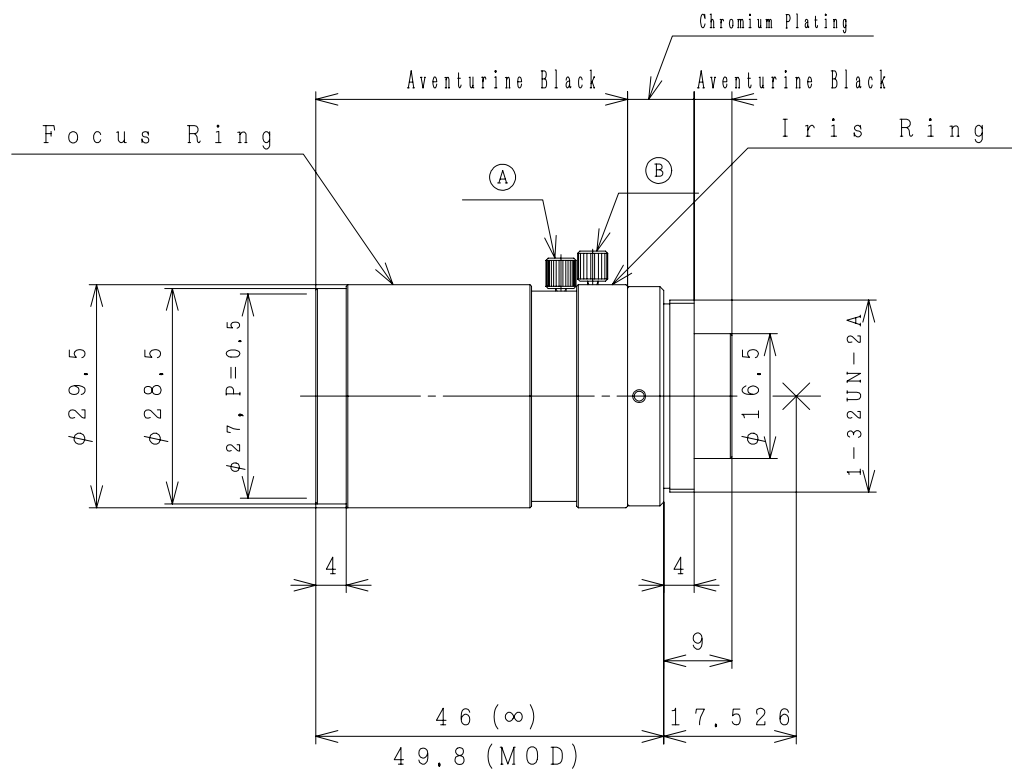
(2) Iris Mechanism Non-click
 Rotation Angle 83°
 Rotation Torque 0.98 N·cm to 6.86 N·cm
 Iris Ring can be fixed at any positions by fixing screw ②
 (Refer to external view)

				Approved	Checked	Drawn	Drawing Title
							SPEC. SEET
No.	Revisions	Date	By				
PENTAX Precision Co.,Ltd.				Data Drawn AUG. 09,'02	Drawing Number 62500-X001-000C-B13		

Ⓐ: Fixing Lever
for Focus Ring



Ⓑ: Fixing Lever
for Iris Ring



PENTAX		TV LENS	25 mm	1:2	MADE IN JAPAN
0.25	0.3	0.4	0.5	1	∞ m

16-1 · 8 · 4 · 2 H2520-UVM

UNIT: mm

3				尺度	個数	
2				N. T. S.		
1				名称		
訂正記事				年月日	担当	H2520-UVM
承認	設計	製図	検図	完図		25mm F/2
				FEB. 10. '03		External View
				年月日		図面番号
						62500-X001-0000-B33
PENTAX Precision Co., Ltd.						