

B 5 0 1 4 A

5 0 mm 1 : 1 . 4

(K A S P E C .)

1. Model B 5 0 1 4 A

2. Application For 1 Format CCTV Camera

3. Specification

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

(1) Dimensions ϕ 48 mm \times 48 mm
 (2) Weight 180 g
 (3) Mount C-Mount (1 – 32 UN – 2A)
 (4) Filter Screw Size ϕ 46 mm , P = 0.75 mm

3-2. Optical

(1) Focal Length 50 mm \pm 5 %
 (2) Max. Aperture Ratio 1 : 1.4
 (3) Iris Range F / 1.4 to F / 16 to close
 (4) Angle of View Diagonal 17.93°
Horizontal 14.41°
Vertical 10.85°
 (5) Picture format 12.7 mm \times 9.525 mm
 (6) Focusing Range Inf. to 1.0 m
 (7) Back Focal Length 18.05 mm
 (8) Flange Back Length 17.526 mm \pm 0.05 mm

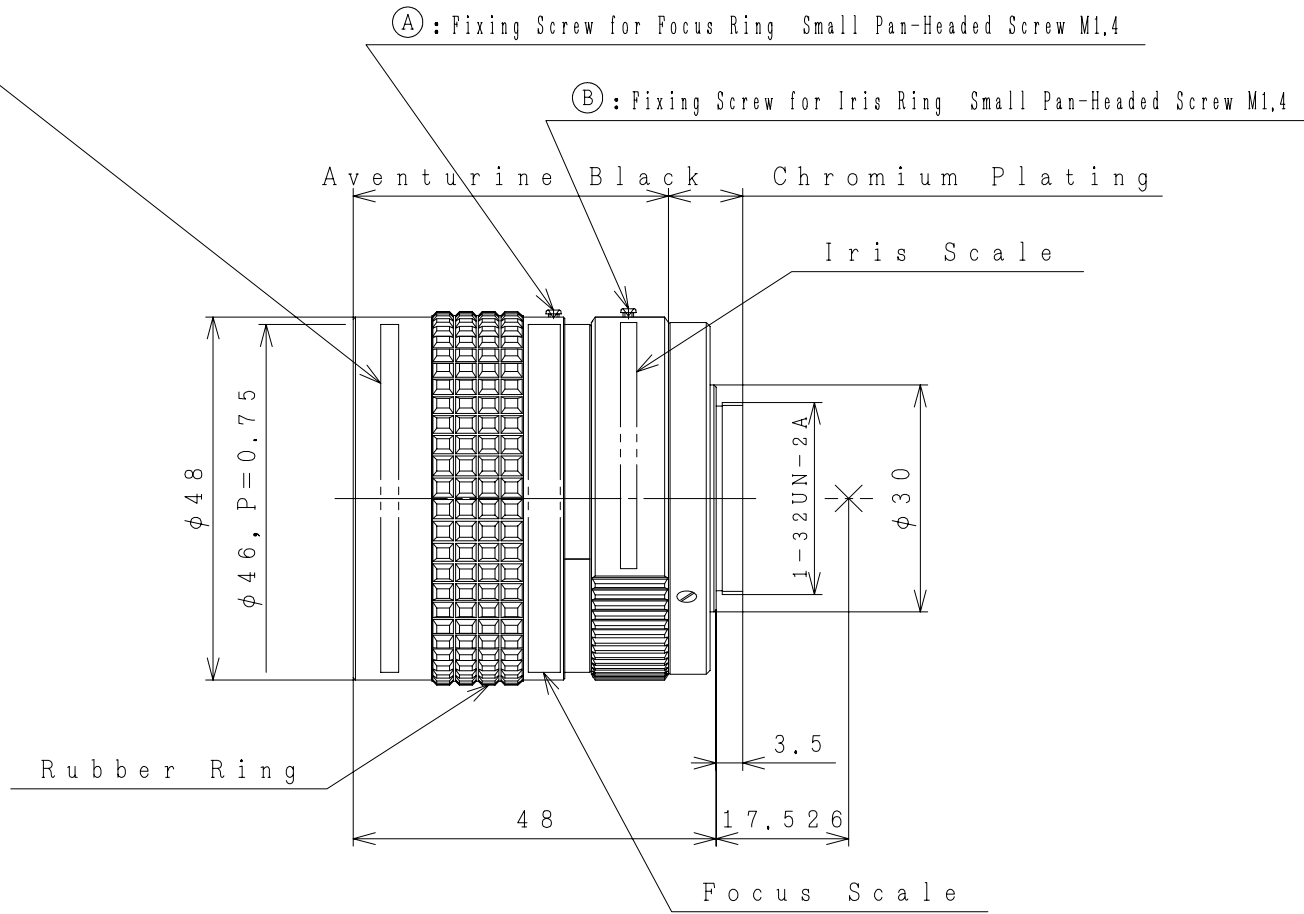
3-3. Mechanical

(1) Focusing Mechanism Straight Helicoid
Rotation Angle 221.65°
Rotation Torque 0.98 N·cm to 4.41 N·cm
Focus Ring can be fixed at any positions by fixing screw ①
(refer to external view)
 (2) Iris Mechanism Non-click, Close-down
Rotation Angle 96°
Rotation Torque 0.98 N·cm to 4.41 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	Data Drawn		Drawing Number	
PENTAX Precision Co.,Ltd.				DEC. 25, '02		25020-X001-00KA-B13	

ASSEMBLED IN CHINA

PENTAX TV LENS 50mm 1:1.4



UNIT : mm

Focus Scale

1 3.5 1.3 5 2 10 20 50 8 ft m

Iris Scale

C 16 11 8 5.6 4 2.8 2 1.4

3					尺度	個数	
2					1/1		
1					名称		
訂正記事				年月日	担当		
承認	設計	製図	検図	完図	B5014A		
				DEC. 25.'02	50mm 1:1.4		
				年月日	External View		
					図面番号		
					25020-X001-00KA-B33		
PENTAX Precision Co., Ltd.							