

SPEC. INFO	C7528-M KP SPEC.	37500-S001-00KP-B13
		JUL 1. ' 04

1. Model C7528-M
2. Application For Machine Vision 2/3 Format CCD Camera

3. Specification

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

- (1) Dimensions  $\phi$  34 mm  $\times$  59.6 mm
- (2) Weight 125 g
- (3) Mount C-Mount (1 - 32 UN - 2A)
- (4) Filter Screw Size  $\phi$  30.5 mm , P = 0.5 mm

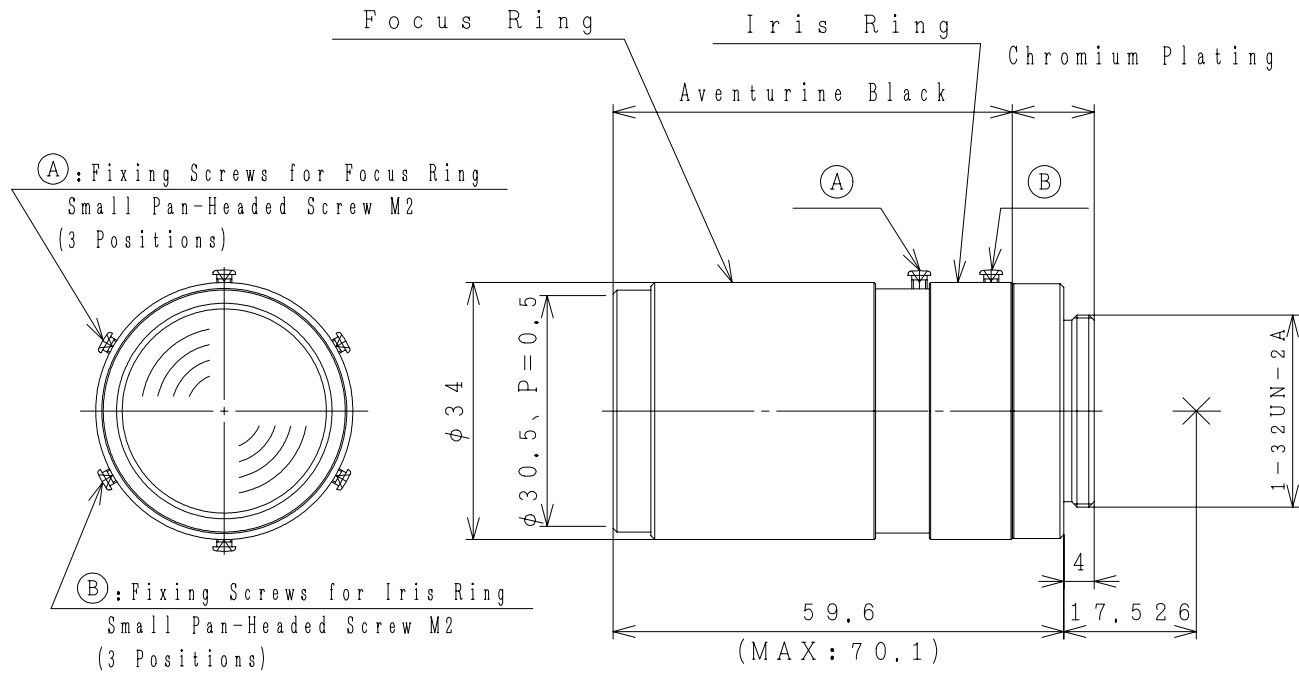
3-2. Optical

- (1) Focal Length 75 mm  $\pm$ 5%
- (2) Max. Aperture Ratio 1: 2.8
- (3) Iris Range F / 2.8 to F / 32
- (4) Angle of View  
 Diagonal 8.60°  
 Horizontal 6.90°  
 Vertical 5.18°
- (5) Picture format 8.8 mm  $\times$  6.6 mm
- (6) Focusing Range Inf. To 0.7m
- (7) Back Focal Length 30.94 mm
- (8) Flange Back Length 17.526 mm  $\pm$  0.05 mm

3-3. Mechanical

- (1) Focusing Mechanism  
 Straight Helicoid  
 Rotation Angle 280°  
 Rotation Torque 0.2 N·cm to 7 N·cm  
 Focus Ring can be fixed at any positions by  
 3 fixing screws ① (Refer to external view)
- (2) Iris Mechanism  
 Non-click  
 Rotation Angle 83°  
 Rotation Torque 0.5 N·cm to 7 N·cm  
 Iris Ring can be fixed at any positions by  
 3 fixing screws ② (Refer to external view)





MADE IN JAPAN

**PENTAX**

TV LENS 75 mm 1:2.8

0.7 0.8 0.9 1 1.3 2 4  $\infty$  m



32-11 8 5.6 4 2.8 C7528-M

UNIT : mm

SPEC. INFO 37500-S001-00KP-B33  
JUL. 01. '04

PENTAX Corporation Security System Division