

|                   |                        |                     |
|-------------------|------------------------|---------------------|
| <b>SPEC. INFO</b> | <b>B618DX KA SPEC.</b> | 20616-S001-00KA-B12 |
|                   |                        | NOV 29, '04         |

1. Model B618DX
2. Application For 1 Format CCTV Camera

3. Specification

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

- (1) Dimensions  $\phi 48 \text{ mm} \times 42 \text{ mm}$
- (2) Weight 120 g
- (3) Mount C-Mount (1 – 32 UN – 2A)

3-2. Optical

- (1) Focal Length 6.5 mm  $\pm 10 \%$
- (2) Max. Aperture Ratio 1 : 1.8
- (3) Iris Range F / 1.8 to F / 16 to Close
- (4) Angle of View  
 Diagonal 116.04°  
 Horizontal 97.92°  
 Vertical 76.28°
- (5) Picture format 12.7 mm  $\times$  9.525 mm
- (6) Focusing Range Inf. to 0.2 m
- (7) Back Focal Length 10.22 mm
- (8) Flange Back Length 17.526 mm  $\pm$  0.05 mm

3-3. Mechanical

- (1) Focusing Mechanism Fixed Focus
- (2) Iris Mechanism Non-click, Close-down  
 Rotation Angle 112°  
 Rotation Torque 0.49 N·cm to 2.94 N·cm  
 Iris Ring can be fixed at any positions by fixing screw <sup>Ⓐ</sup>  
 (refer to external view)

3-4. Vibration & Shock Test Standard

(1) Vibration Conditions

|                       |  |
|-----------------------|--|
| Wave                  | Sine Wave  |
| Acceleration          | 1.96 m/s <sup>2</sup> to 59.78 m/s <sup>2</sup>          |
| Cycle Range           | 10 Hz to 55 Hz   |
| Cycle Period          | 3 Minutes  |
| Duration of Vibration | 120 Minutes Respectively in Three Dimensional Directions |

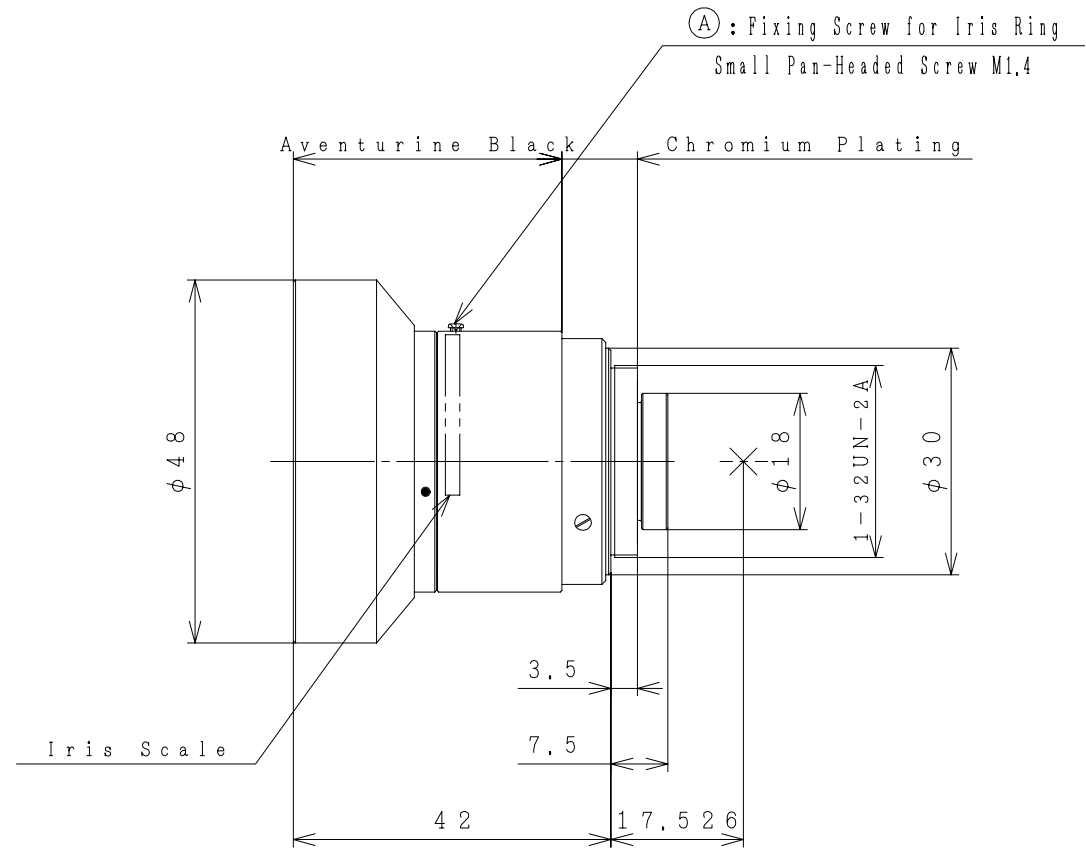
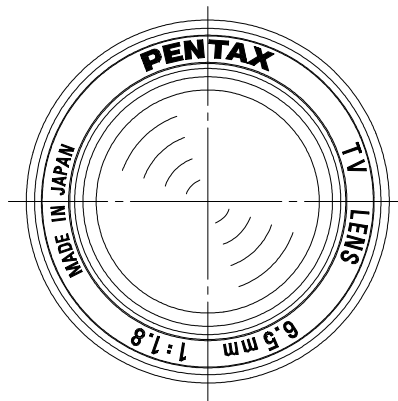
(2) Shock Conditions

|                              |   |
|------------------------------|---|
| Tester                       | Shock Testing Machine by Dropping                   |
| Impact Force                 | 588 m/s <sup>2</sup>                                |
| Duration of Shock            | 3.5 ms  |
| Directions & Number of Times | 1 Time Respectively in Three Dimensional Directions |

3-5. Environmental Temperature Range -20°C to +50°C

4. Accessories

- (1) Front Lens Cap 1 piece
- (2) Rear Lens Cap 1 piece
- (3) Packing Box 1 piece



Iris Scale C 16 11 8 5.6 4 2.8 2 1.8

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| SPEC. INFO                                  | 20616-S001-00KA-B22 |
|   | NOV 29. '04         |
| PENTAX Corporation Security System Division |                     |