

B 1 2 1 4 D - 2

1 2 . 5 mm 1 : 1 . 4

(K A S P E C .)

1. Model B1214D-2
2. Application For 1 Format CCTV Camera
3. Specification

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

- (1) Dimensions $\phi 42 \times 50\text{mm}$
- (2) Weight 135g
- (3) Mount C-Mount (1-32UN-2A)
- (4) Filter Screw Size $\phi 40.5\text{mm}$, P=0.5mm

3-2. Optical

- (1) Focal Length $12.5\text{mm} \pm 5\%$
- (2) Max. Aperture Ratio 1:1.4
- (3) Iris Range F/1.4 to F/16 to Close
- (4) Angle of View
 Diagonal $65^\circ 03'$
 Horizontal $53^\circ 56'$
 Vertical $41^\circ 36'$
- (5) Picture format $12.7 \times 9.525\text{mm}$
- (6) Focusing Range 0.3m
- (7) Back Focal Length 14.40mm
- (8) Flange Back Length $17.526\text{mm} \pm 0.05\text{mm}$

3-3. Mechanical

- (1) Focusing Mechanism
 Straight Helicoid
 Rotation Angle $89^\circ 18'$
 Rotation Torque 100 to 450 gf-cm
 Focus Ring can be fixed at any positions by
 fixing screws A (refer to external view).
- (2) Iris Mechanism
 Non-click, Close-down
 Rotation Angle 96°
 Rotation Torque 100 to 450 gf-cm
 Iris Ring can be fixed at any positions by
 fixing screws B (refer to external view).

				Approved	Checked	Drawn	Drawing Title
NO.	Revisions	Date	By				SPEC. SHEET
ASAHI PRECISION CO., LTD.				Date Drawn MAY 24, '99	Drawing Number 21211-X005-00KA-B13		

3-4. Vibration & Shock Test Standard

(1) Vibration Conditions

Wave	Sine Wave
Acceleration	0.8 to 6 G
Cycle Range	10 to 55 Hz
Cycle Period	3 Minutes
Duration of Vibration	20 Minutes Respectively in Three Dimensional Directions

(2) Shock Conditions

Tester	Shock Testing Machine by Dropping
Impact Force	60 G
Duration of Shock	3.5 ms
Directions & Number of Times	1 Time Respectively in Three Dimensional Directions

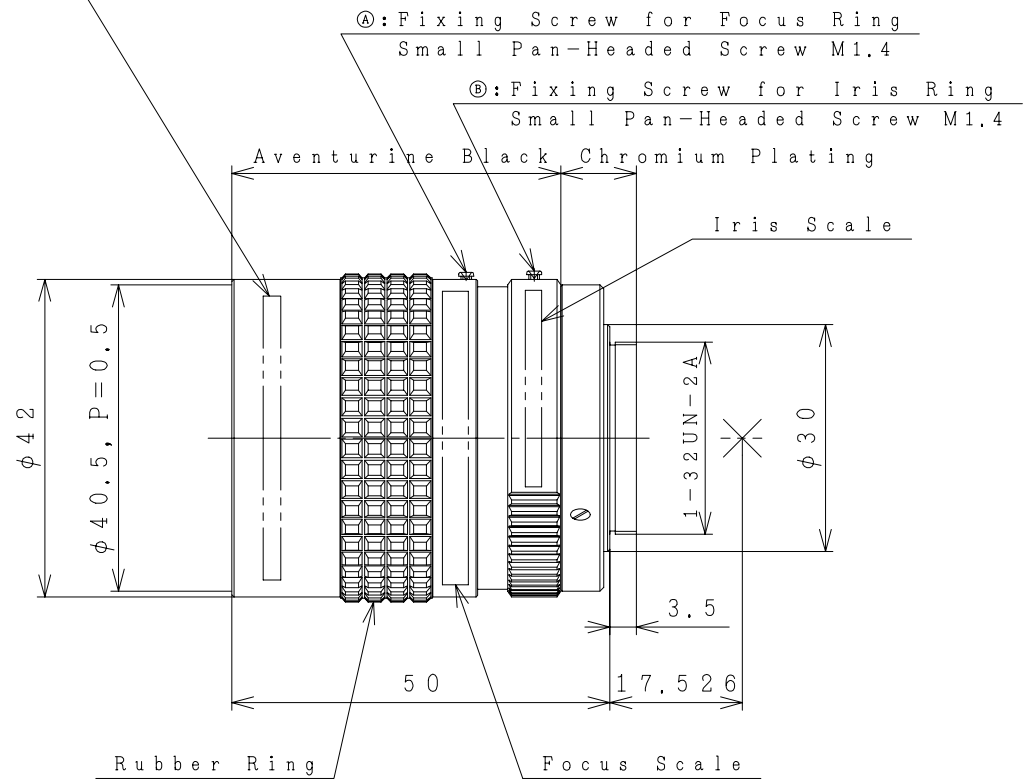
3-5. Environmental Temperature Range -20°C to +50°C

4. Accessories

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

				Approved	Checked	Drawn	Drawing Title
NO.	Revisions	Date	By				SPEC. SHEET
ASAHI PRECISION CO., LTD.				Date Drawn MAY 24, '99	Drawing Number 21211-X005-00KA-B23		

LENS MADE IN JAPAN COSMICAR TELEVISION LENS 12.5mm 1:1.4



Focus Scale 1 2 3.5 f t
0.3 0.7 2 ∞ m

Iris Scale C 16 11 8 5.6 4 2.8 2 1.4

UNIT : mm

△5				一般仕上 ▽▽▽ ▽▽ ▽~	尺度 1/1	個数	
△4				一般公差 ±			
△3				一般面取	部品名	B 1 2 1 4 D - 2 1 2 . 5 mm F / 1 . 4 External View	
△2				一般 角度公差 ±			
△1				材質			
	訂 正 記 事	年月日	担当				
承認	設計	製図	検図	完図 MAY 24. '99 年 月 日	表面处理	図面番号	
旭 精 密 株 式 会 社						21211-X005-00KA-B33	