

For Machine Vision

C 3 5 1 6 - M

3 5 mm 1 : 1 . 6

1. Model C3516-M
 2. Application For Machine Vision 2/3 Format CCD Camera

3. Specification

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

(1) Dimensions $\phi 29.5\text{mm} \times 35.4\text{mm}$
 (2) Weight 64g
 (3) Filter Screw Size $\phi 27\text{mm}$, P=0.5mm
 (4) Mount C-Mount (1-32UN-2A)

3-2. Optical

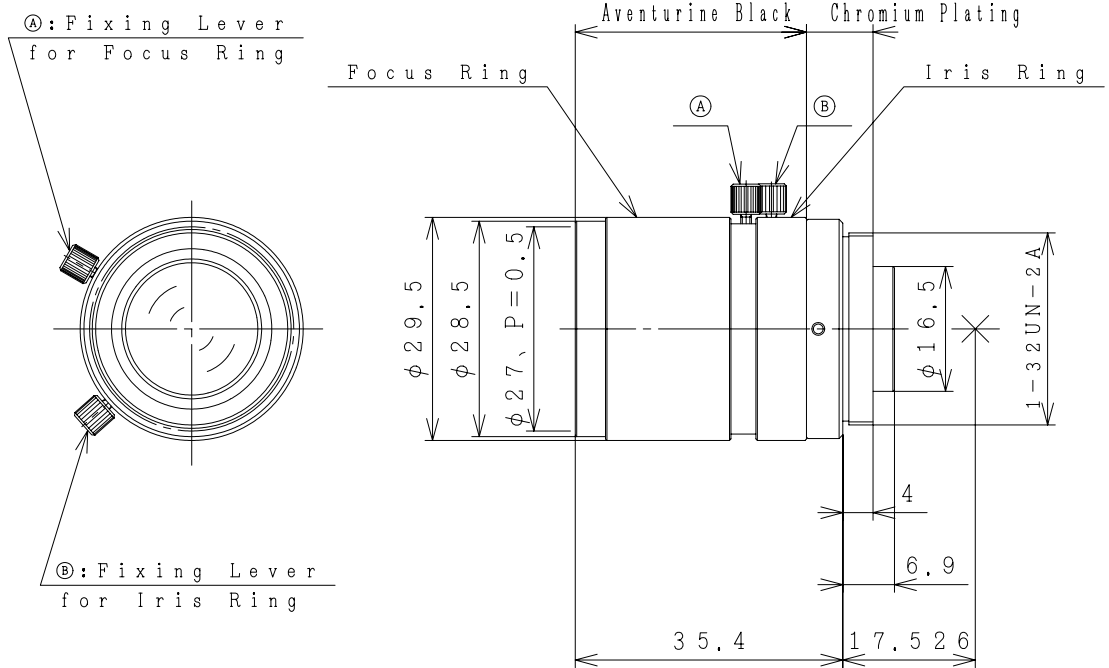
(1) Focal Length 35mm $\pm 5\%$
 (2) Max. Aperture Ratio 1:1.6
 (3) Iris Range F/1.6 to F/16
 (4) Angle of View Diagonal 18.39°
 Horizontal 14.76°
 Vertical 11.10°
 (5) Picture format 8.8mm \times 6.6mm
 (6) Focusing Range 0.4m
 (7) Back Focal Length 11.85mm
 (8) Flange Back Length 17.526mm $\pm 0.05\text{mm}$

3-3. Mechanical

(1) Focusing Mechanism Straight Helicoid
 Rotation Angle 148.2°
 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 92.4°
 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. SHEET
NO.	Revisions	Date	By				
ASAHI PRECISION CO., LTD.				Date Drawn JUL 11, '01	Drawing Number 33500-X001-000C-B13		



COSMICAR / PENTAX		TV LENS	35 mm	1:1.6	MADE IN JAPAN
0.4	0.5	0.7	1	2	∞ m

16-8-4-2 1.6 C3516-M

UNIT : mm

△5				一般仕上 ▽▽▽ ▽▽ ▽~	尺度	個数	
△4				一般公差 ±	N. T. S		
△3				一般面取	部品名 C 3 5 1 6 - M 3 5 mm F / 1 . 6 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	表面処理	図面番号	
旭 精 密 株 式 会 社					JUL. 11. ' 01 年 月 日	33500-X001-000C-B33	