

FL-CC1214A-2M

f=12mm F1.4

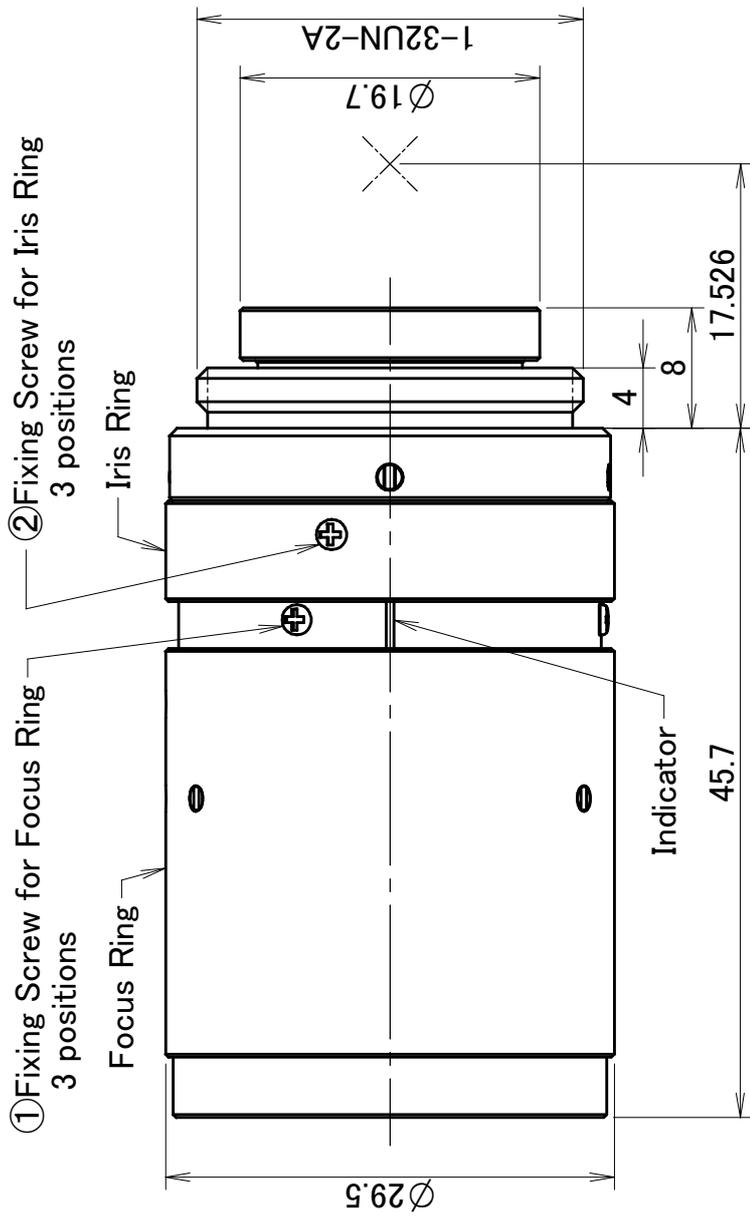
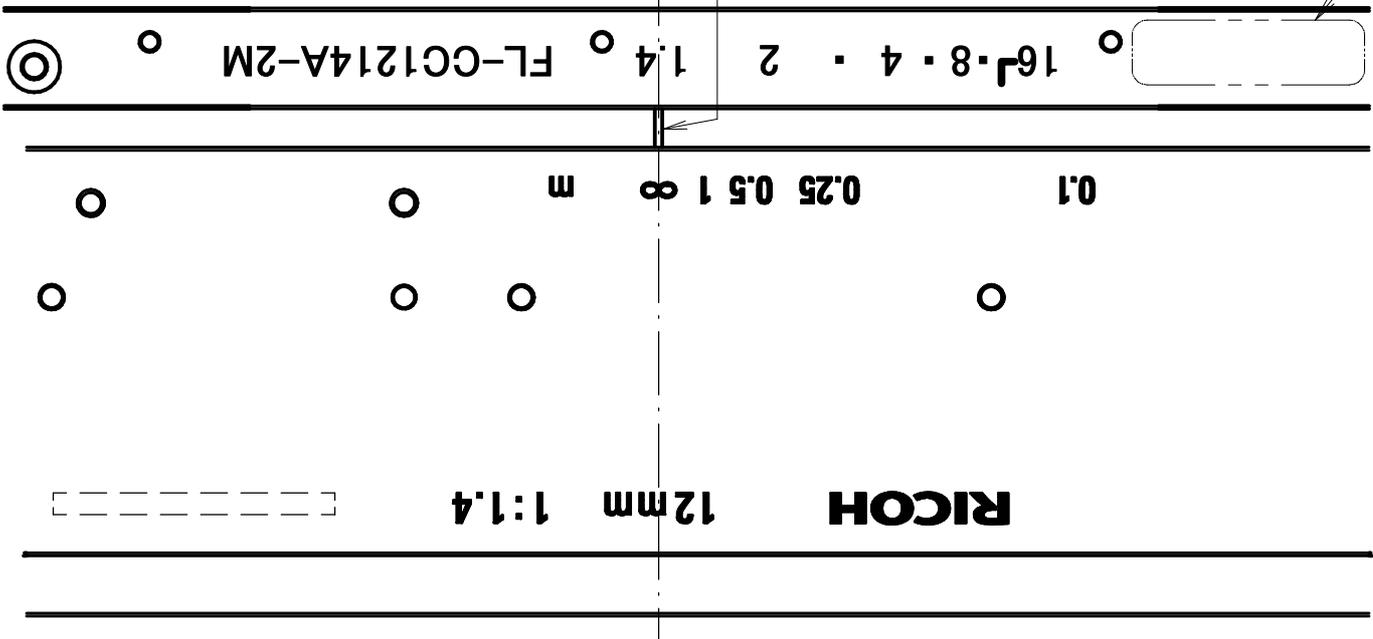
				Date Drawn	Checked Nuno	Approved Naoe
				Oct. 10. 2013	Drawn Yamano Koguchi	
No.	Revisions	by	Date			

1. Model	FL-CC1214A-2M
2. Application	For 2/3 Format Camera
3. Specification	
3-1. Physical (As per the attached drawing)	
(1) Dimensions	$\phi 29.5 \text{ mm} \times 45.7 \text{ mm}$
(2) Weight	68 g
(3) Mount	C-Mount (1 - 32 UN - 2A)
3-2. Optical	
(1) Focal Length	12 mm $\pm 5\%$
(2) Max. Aperture Ratio	1: 1.4
(3) Iris Range	F / 1.4 to F / 16
(4) Angle of View	Diagonal 47.9° Horizontal 39.4° Vertical 30.1°
(5) Picture format	8.8 mm \times 6.6 mm
(6) Focusing Range	Inf. to 0.1 m
(7) Back Focal Length	10.7 mm (in air)
(8) Flange Back Length	17.526 mm \pm 0.05 mm (in air)
3-3. Mechanical	
(1) Focusing Mechanism	Straight Helicoid Rotation Angle 106° Rotation Torque 0.2N·cm to 7.0 N·cm Focus Ring can be fixed at any positions by 3 fixing screws (A) or 1 thumb screw (refer to external view)
(2) Iris Mechanism	Non-click, Close-down Rotation Angle 86° Rotation Torque 0.5N·cm to 7.0 N·cm Iris Ring can be fixed at any positions by 3 fixing screws (B) or 1 thumb screw (refer to external view)
3-4. Vibration & Shock Test Standard	
(1) Vibration Conditions	
Wave	Sine Wave
Acceleration	1.96 m/s ² to 59.78 m/s ²
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 ²
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 $+50^{\circ}\text{C}$

4. Accessories

(1) Front Lens Cap	1 piece	
(2) Rear Lens Cap	1 piece	
(3) Fixing Screw ① for Focus Ring	3 pieces	
(4) Fixing Screw ② for Iris Ring	3 pieces	
(5) Thumbscrew for Focus Ring	1 pieces	(for Optional Usage)
(6) Thumbscrew for Iris Ring	1 pieces	(for Optional Usage)
(7) Packing Box	1 piece	



<p>① Fixing Screw for Focus Ring (3 pieces)</p> <p>M1.4 3</p>	<p>② Fixing Screw for Iris Ring (3 pieces)</p> <p>M1.4 2.2</p>
<p>Thum Screw for Focus Ring Optimal Usage (1 piece)</p> <p>M1.4 (4) 4 8</p>	<p>Thum Screw for Iris Ring Optimal Usage (1 piece)</p> <p>M1.4 (4) 2.3 6.3</p>

SPEC. SHEET	FL-CC1214A-2M
	K65084-X001-B44
RICOH	Oct.10.2013