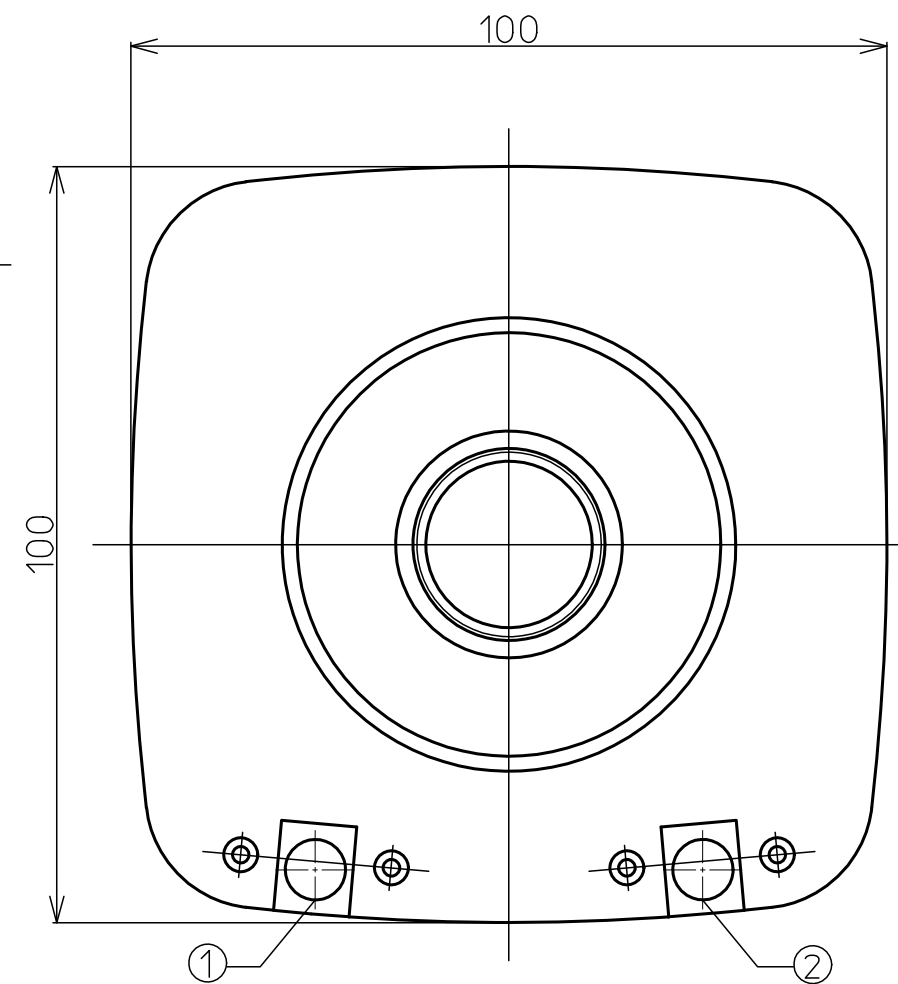
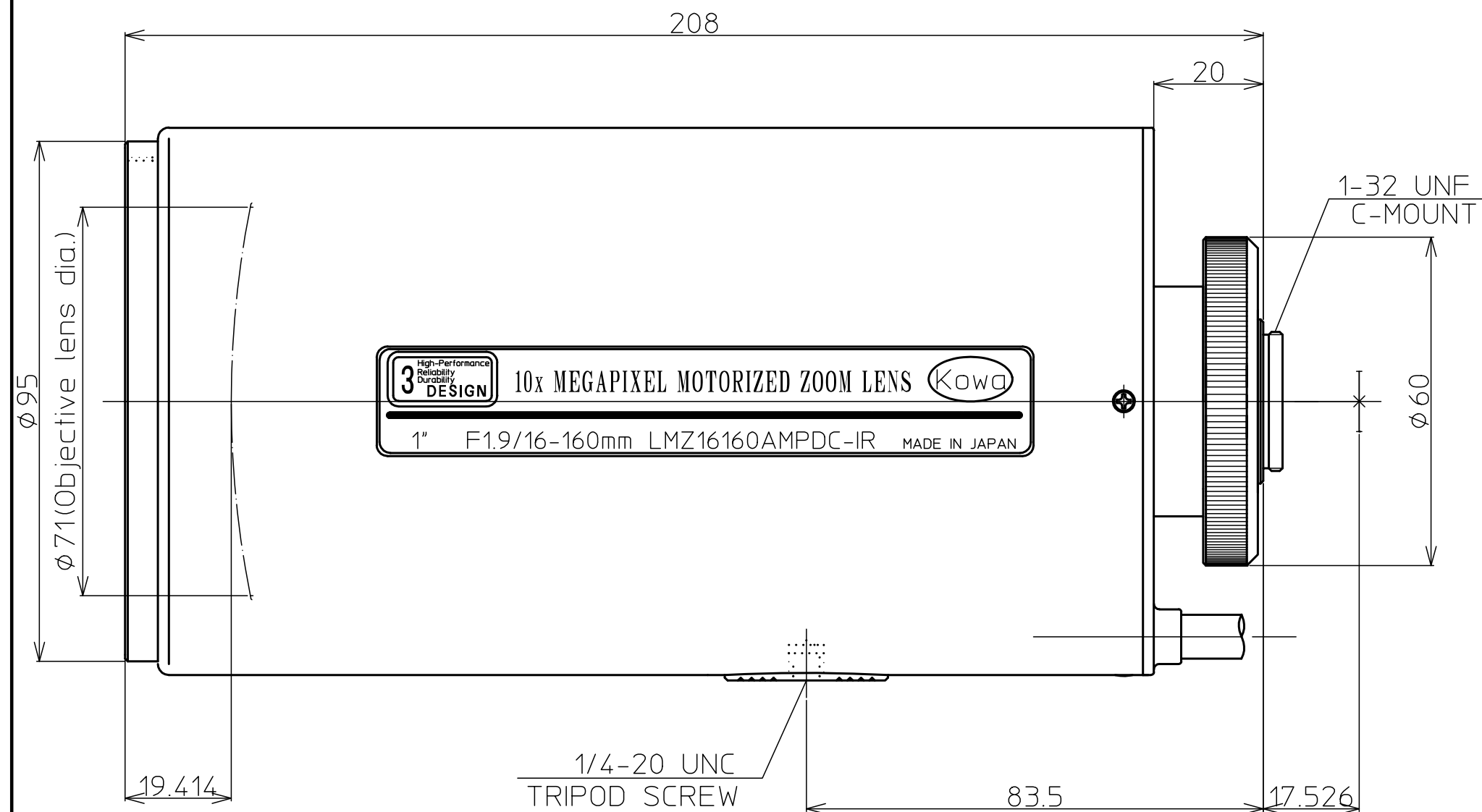




# SPECIFICATION

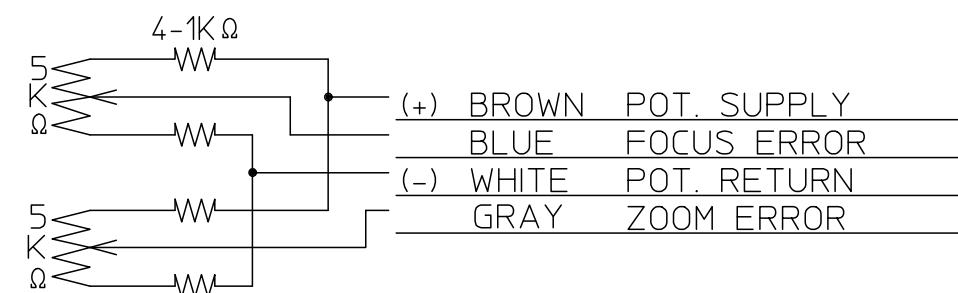
|                        |                          |        |        |
|------------------------|--------------------------|--------|--------|
| 1. USE                 | FOR 1" COLOR ,B/W CAMERA |        |        |
| 2. FOCAL LENGTH        | f=16~160mm               |        |        |
| 3. IRIS RANGE          | F= 1.9 ~ 22              |        |        |
| 4. IMAGE SIZE          | φ16 (12.8×9.6)           |        |        |
| 5. BACK FOCAL LENGTH   | 35.1mm in air            |        |        |
| 6. FLANGE FOCAL LENGTH | 17.526mm in air          |        |        |
| 7. FOCUS RANGE         | ∞ ~ 1.7 m                |        |        |
| 8. FIELD ANGLE         | DIA.                     | (W)    | 52.4 ° |
|                        |                          | (T)    | 5.6 °  |
|                        |                          |        |        |
|                        | HOL.                     | 42.7 ° | 4.6 °  |
|                        | VER.                     | 32.5 ° | 3.5 °  |
| 9. DISTORTION (TV)     | -1.4 % 2.8 %             |        |        |
| 10. LENS CONSTRUCTION  | 14 GROUPS 18 ELEMENTS    |        |        |
| 11. CLEAR APERTURE     | FRONT φ71 REAR φ19.7     |        |        |
| 12. WEIGHT             | 1350g                    |        |        |

## ① DC (DIRECT CONTROL)

|             |          |                                  |
|-------------|----------|----------------------------------|
| DRIVE COIL  | RESISTOR | 190Ω (20°C)                      |
|             | COLOR    | RED(+) 3pin<br>BLACK 4pin        |
| BRAKE COIL  | RESISTOR | 1150Ω (20°C)                     |
|             | COLOR    | YELLOW(+) 2pin<br>GREEN 1pin     |
| DRIVE VOLT. | OPEN     | LESS THAN +4V                    |
|             | CLOSE    | OVER THAN 0V<br>W/CLOSING SPRING |

## ② MOTOR CABLE

|     |        |            |
|-----|--------|------------|
| (+) | GREEN  | FOCUS NEAR |
| (+) | BLACK  | FOCUS FAR  |
| (+) | YELLOW | ZOOM IN    |
| (+) | RED    | ZOOM OUT   |



|            |       |           |                  |     |
|------------|-------|-----------|------------------|-----|
|            |       | 尺 1/1     | 承 認              | 製 図 |
|            |       | 機 種 名     | LMZ16160AMPDC-IR |     |
|            |       | 機 種 番     | 1inch F1.9       |     |
| 2013.03.13 | 作成年月日 | f16-160mm |                  |     |