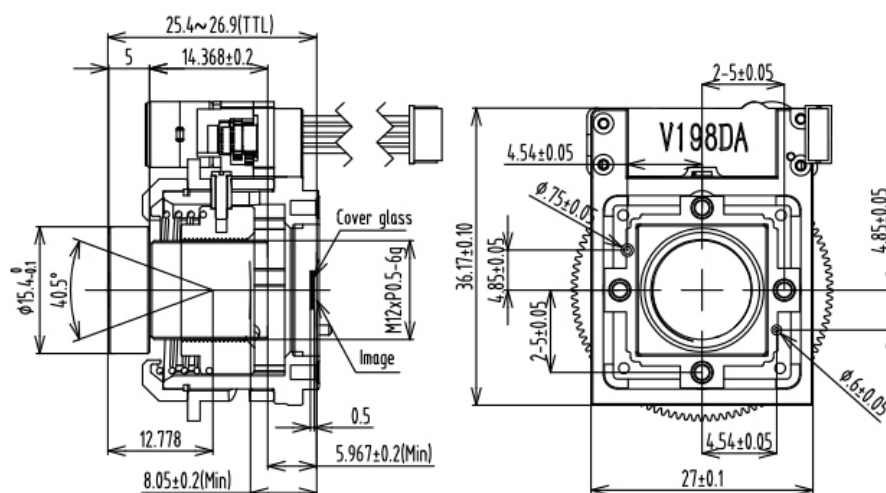


*M12-HF12*



1/1.8" M12镜头  
F2.8  
 $f=12\text{mm}$

## Dimensions



### Parameters

| 1/1.8" F2.8/12mm M12 Mount                  |   |                      |                 | Working distance | Optical Magnification | 1/1.8" Field of View(mm) |       |   |
|---------------------------------------------|---|----------------------|-----------------|------------------|-----------------------|--------------------------|-------|---|
| Focal Length                                |   | f=12mm               |                 |                  |                       |                          |       | H |
| F.No                                        |   | 2.8±5%               |                 | mm               |                       |                          |       |   |
| Picture Size                                |   | 1/18"(8.95x7.2x5.32) | 1/3"(6x4.8x3.2) | 850              | 0.014                 | 510                      | 382.5 |   |
| Angle                                       | H | 32.8°±5°             | 22.2°±5°        | 800              | 0.015                 | 480                      | 360   |   |
|                                             | V | 24.5°±5°             | 16.7°±5°        | 750              | 0.016                 | 450                      | 337.5 |   |
|                                             | D | 40.5°±5°             | 27.5°±5°        | 700              | 0.017                 | 420                      | 315   |   |
| Distortion (TV)                             |   | <0.2%(D)             | <0.1%(D)        | 650              | 0.019                 | 390.1                    | 292.5 |   |
| Object Dimension at<br>M.O.D(1/1.8",WD=500) | H | 300.1mm              |                 | 600              | 0.02                  | 360.1                    | 270.1 |   |
|                                             | V | 225.1mm              |                 | 550              | 0.022                 | 330.1                    | 247.6 |   |
|                                             | D | 375.2mm              |                 | 500              | 0.024                 | 300.1                    | 225.1 |   |
| Focus distance(min)                         |   | 0.1M                 |                 | 450              | 0.027                 | 270.2                    | 202.6 |   |
| TTL(FAR-NEAR)                               |   | 25.4~26.9mm          |                 | 400              | 0.03                  | 240.3                    | 180.2 |   |
| Back focus(Min)                             |   | 8.05MM               |                 | 350              | 0.034                 | 210.3                    | 157.7 |   |
| Resolution                                  |   | 5M                   |                 | 300              | 0.04                  | 180.3                    | 135.2 |   |
| Relative illumination                       |   | 68%                  |                 | 250              | 0.048                 | 150.3                    | 112.7 |   |
| Mount                                       |   | M12xP0.5             |                 | 200              | 0.06                  | 120.3                    | 90.2  |   |
| Temperature Range                           |   | -10~+50°C            |                 | 150              | 0.08                  | 90.3                     | 67.7  |   |
| Storage Temperature Range                   |   | -20~+60°C            |                 | 100              | 0.12                  | 60.2                     | 45.2  |   |