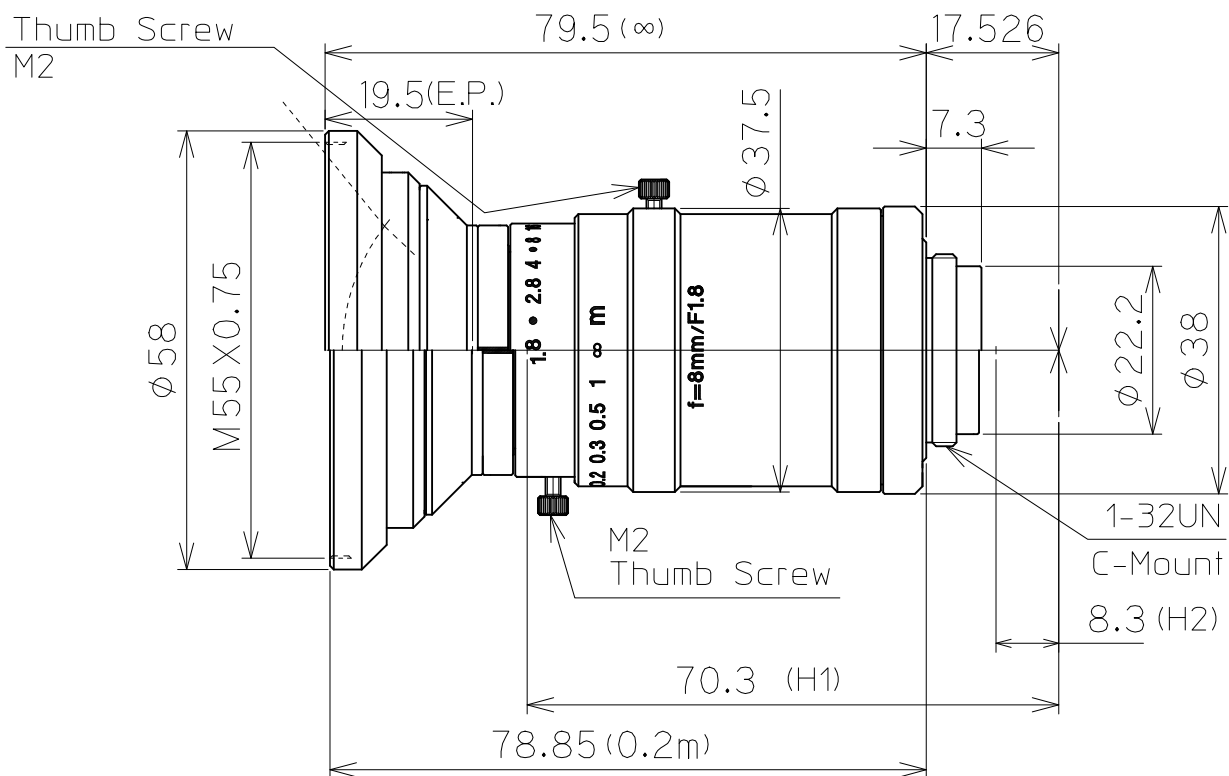




| 1" 1.8/8mm C                              |            | 1"                  | 2/3"      | 1/1.8"             |
|-------------------------------------------|------------|---------------------|-----------|--------------------|
| FOCAL LENGTH                              |            | f=8mm               |           |                    |
| F-NUMBER                                  |            | F=1.8-16            |           |                    |
| PICTURE SIZE                              |            | 9.6x12.8mm          | 6.6x8.8mm | 5.4x7.2mm          |
| ANGLE OF VIEW<br>(∞)                      | VER. ANGLE | 63.5°               | 44.8°     | 36.9°              |
|                                           | HOR. ANGLE | 81.3°               | 58.7°     | 48.6°              |
|                                           | DIA. ANGLE | 96.2°               | 71.6°     | 59.9°              |
| DISTORTION (TV)                           |            | -3.1%               | -2.1%     | -1.5%              |
| FIELD OF VIEW<br>(MINIMUM FOCUS DISTANCE) | VER.       | 272mm               | 181mm     | 146mm              |
|                                           | HOR.       | 387mm               | 247mm     | 198mm              |
|                                           | DIA.       | 491mm               | 317mm     | 253mm              |
| MINIMUM FOCUS DISTANCE                    |            | 0.2m                |           |                    |
| FLANGE BACK                               |            | 17.526mm in air     |           |                    |
| BACK FOCUS                                |            | 11.1mm in air       |           |                    |
| FILTER SCREW SIZE                         |            | M55x0.75            |           |                    |
| FRONT/REAR EFFECTIVE DIA.                 |            | FRONT $\phi$ 32.8mm |           | REAR $\phi$ 15.0mm |
| MOUNT                                     |            | C-MOUNT             |           |                    |
| EXIT PUPIL                                |            | -64.6mm             |           |                    |
| TEMPERATURE RANGE                         |            | -10~+50°C           |           |                    |
| STORAGE TEMPERATURE RANGE                 |            | -20~+60°C           |           |                    |
| RESOLUTION CENTER/CORNER                  |            | CENTER 160lp/mm     |           | CORNER 80lp/mm     |
| WEIGHT                                    |            | 210g                |           |                    |

NOTE: Specifications and availability are subject to change without notice  
 注) 本仕様については、予告なしに変更する場合があります。



|            |       |             |                        |          |          |
|------------|-------|-------------|------------------------|----------|----------|
|            |       | 尺<br>度      | 1/1                    | 工場<br>番号 | LM8HC-VS |
|            |       | 機<br>種<br>名 | 1" f=8mm F1.8 VIS-SWIR |          |          |
|            |       | 機<br>種<br>番 | LM8HC-VIS-SW           |          |          |
| 2021.10.20 | 作成年月日 |             |                        |          | S10-731  |



## MACHINE VISION SHOP

FOR ALL YOUR VISION PRODUCTS

Thank you for downloading this document from  
[www.machine-vision-shop.com](http://www.machine-vision-shop.com)

If you have any questions, you need help composing the  
right package for your application or do you want to order?

Feel free to contact us via e-mail at  
[sales@vision-consultancy.nl](mailto:sales@vision-consultancy.nl) or visit our webshop.

Our vision experts are happy to help you.



Natascha Overhof



Christian Cromptoets



### Machine Vision Shop

*Trade name of Vision Consultancy BV*

Robert Schumandomein 2  
6229 ES Maastricht  
The Netherlands

+31 (0) 438 522 651

[sales@vision-consultancy.nl](mailto:sales@vision-consultancy.nl)  
[www.machine-vision-shop.com](http://www.machine-vision-shop.com)

Scan me to visit  
[machine-vision-shop](http://machine-vision-shop)

