

# Lens onnect<sup>®</sup> SERIES

**Motorized** FA lens that can be operated **easily**  
with a single **USB** cable



Remotely adjust in out-of-reach places



Make precise adjustments to lenses after installation



Changing the focus point and changeover  
for workpieces at different heights



Perfect for embedded systems

- Focus, Iris, and Zoom can be controlled via USB
- Easy operation in areas where manual adjustment is not possible
- The stepping motor makes precise control possible
- Plug-and-play for easy deployment

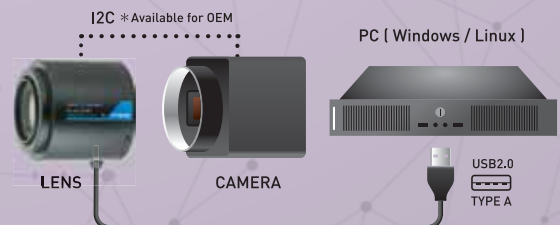
BH series



RF series



Connection  
example



## BH series

| DL0828UC-MPY           |                         |
|------------------------|-------------------------|
| Focal Length           | 8mm                     |
| F-number               | F2.8 - F16.0            |
| Working Distance       | 0.1m - Inf              |
| Angle of View (1/1.1") | 69.4° x 53.8° (D 80.4°) |
| Mount                  | C                       |
| Sensor size            | 1/1.1"                  |
| Resolution             | 12MP                    |
| Filter size            | M52 P=0.75mm            |
| Dimensions             | φ 59.5mm x 63.3mm       |
| Weight                 | 178g                    |

| DL1224UC-MPY           |                         |
|------------------------|-------------------------|
| Focal Length           | 12mm                    |
| F-number               | F2.4 - F16.0            |
| Working Distance       | 0.1m - Inf              |
| Angle of View (1/1.1") | 50.5° x 38.1° (D 60.2°) |
| Mount                  | C                       |
| Sensor size            | 1/1.1"                  |
| Resolution             | 12MP                    |
| Filter size            | M35.5 x P0.5mm          |
| Dimensions             | φ 59.5mm x 57.9mm       |
| Weight                 | 163g                    |

| DL1623UC-MPY           |                         |
|------------------------|-------------------------|
| Focal Length           | 16mm                    |
| F-number               | F2.3 - F16.0            |
| Working Distance       | 0.11m - Inf             |
| Angle of View (1/1.1") | 38.9° x 29.0° (D 47.0°) |
| Mount                  | C                       |
| Sensor size            | 1/1.1"                  |
| Resolution             | 12MP                    |
| Filter size            | M35.5 x P0.5mm          |
| Dimensions             | φ 59.5mm x 59.2mm       |
| Weight                 | 173g                    |

| DL2523UC-MPY           |                        |
|------------------------|------------------------|
| Focal Length           | 25mm                   |
| F-number               | F2.3 - F16.0           |
| Working Distance       | 0.12m - Inf            |
| Angle of View (1/1.1") | 253° x 18.7° (D 31.0°) |
| Mount                  | C                      |
| Sensor size            | 1/1.1"                 |
| Resolution             | 12MP                   |
| Filter size            | M30.5 x P0.5mm         |
| Dimensions             | φ 59.5mm x 56.9mm      |
| Weight                 | 166g                   |

| DL3525UC-MPY           |                         |
|------------------------|-------------------------|
| Focal Length           | 35mm                    |
| F-number               | F2.5 - F16.0            |
| Working Distance       | 0.16m - Inf             |
| Angle of View (1/1.1") | 18.2° x 13.4° (D 22.5°) |
| Mount                  | C                       |
| Sensor size            | 1/1.1"                  |
| Resolution             | 12MP                    |
| Filter size            | M30.5 x P0.5mm          |
| Dimensions             | φ 59.5mm x 57.9mm       |
| Weight                 | 160g                    |

| DL5028UC-MPY           |                        |
|------------------------|------------------------|
| Focal Length           | 50mm                   |
| F-number               | F2.8 - F16.0           |
| Working Distance       | 0.2m - Inf             |
| Angle of View (1/1.1") | 13.2° x 9.7° (D 16.3°) |
| Mount                  | C                      |
| Sensor size            | 1/1.1"                 |
| Resolution             | 12MP                   |
| Filter size            | M30.5 x P0.5mm         |
| Dimensions             | φ 59.5mm x 58mm        |
| Weight                 | 173g                   |

| VL6Z1626UC-MPYIR     |  |
|----------------------|--|
| Focal Length         | 16mm - 96mm  |
| F-number             | F2.6 - F16C  |
| Working Distance     | 3m - Inf   |
| Angle of View (1.1") | Wide 48.1° x 35.6° (D 58.9°)<br>Tele 8.5° x 6.3° (D 10.4°) |
| Mount                | C  |
| Sensor size          | 1.1"   |
| Resolution           | 12MP   |
| Filter size          | M67xP0.75  |
| Dimensions           | 78.2mm x 83.8 x 108.96mm                                   |
| Weight               | 330g   |

| EL6Z0915UCS-MPWIR      |  |
|------------------------|--|
| Focal Length           | 9mm - 50mm   |
| F-number               | F1.5 - F16C  |
| Working Distance       | 3m - Inf   |
| Angle of View (1/1.8") | Wide 46.1° x 26.3° (D 52.5°)<br>Tele 9.0° x 5.2° (D 10.2°) |
| Mount                  | CS   |
| Sensor size            | 1/1.8"   |
| Resolution             | 5MP  |
| Filter size            | *M67xP0.75 (With VM0918)                                   |
| Dimensions             | 78.2mm x 83.8 x 104.8mm                                    |
| Weight                 | 299g   |

| EL3Z0416UCS-MPWIR      |  |
|------------------------|--|
| Focal Length           | 4.0mm - 10mm   |
| F-number               | F1.6 - F16C  |
| Working Distance       | 0.2m - Inf   |
| Angle of View (1/1.8") | Wide 115.9° x 61.7° (D 138.1°)<br>Tele 46.0° x 25.8° (D 52.9°) |
| Mount                  | CS   |
| Sensor size            | 1/1.8"   |
| Resolution             | 5MP  |
| Filter size            | *M55 x P0.75 (With VM0418)                                     |
| Dimensions             | φ 66mm x 59mm  |
| Weight                 | 161g   |

(\* There is no filter mount on the top of the lens  
For using filters, please attach VM0918.

(\* There is no filter mount on the top of the lens  
For using filters, please attach VM0418.

## RF series

| VL0826U-MPZ        |                              |
|--------------------|------------------------------|
| Focal Length       | 8mm                          |
| F-number           | F2.6 - F16.0                 |
| Working Distance   | 0.1m - Inf                   |
| Angle of View (1") | 76.9° x 61.5° (D 88.8°)      |
| Mount              | C                            |
| Sensor size        | 1"                           |
| Resolution         | 20MP                         |
| Filter size        | *M82 x P0.75mm (With ZM0810) |
| Dimensions         | φ 78mm x 52.93mm             |
| Weight             | 334g                         |

| VL1226U-MPZ        |                         |
|--------------------|-------------------------|
| Focal Length       | 12mm                    |
| F-number           | F2.6 - F16.0            |
| Working Distance   | 0.1m - Inf              |
| Angle of View (1") | 56.7° x 44.1° (D 67.4°) |
| Mount              | C                       |
| Sensor size        | 1"                      |
| Resolution         | 20MP                    |
| Filter size        | M46 x P0.75mm           |
| Dimensions         | φ 75mm x 48.5mm         |
| Weight             | 273g                    |

| VL1624U-MPZ        |                         |
|--------------------|-------------------------|
| Focal Length       | 16mm                    |
| F-number           | F2.6 - F16.0            |
| Working Distance   | 0.1m - Inf              |
| Angle of View (1") | 43.8° x 33.6° (D 53.2°) |
| Mount              | C                       |
| Sensor size        | 1"                      |
| Resolution         | 20MP                    |
| Filter size        | M43 x P0.75mm           |
| Dimensions         | φ 75mm x 52mm           |
| Weight             | 280g                    |

(\* There is no filter mount on the top of the lens  
For using filters, please attach ZM0810.

| VL2520U-MPZ        |                         |
|--------------------|-------------------------|
| Focal Length       | 25mm                    |
| F-number           | F2.0 - F16.0            |
| Working Distance   | 0.15m - Inf             |
| Angle of View (1") | 28.8° x 21.8° (D 35.5°) |
| Mount              | C                       |
| Sensor size        | 1"                      |
| Resolution         | 20MP                    |
| Filter size        | M46 x P0.75mm           |
| Dimensions         | φ 78mm x 47mm           |
| Weight             | 257g                    |

| VL3522U-MPZ        |                         |
|--------------------|-------------------------|
| Focal Length       | 35mm                    |
| F-number           | F2.2 - F16.0            |
| Working Distance   | 0.2m - Inf              |
| Angle of View (1") | 20.8° x 15.7° (D 25.8°) |
| Mount              | C                       |
| Sensor size        | 1"                      |
| Resolution         | 20MP                    |
| Filter size        | M43 x P0.75mm           |
| Dimensions         | φ 75mm x 66.1mm         |
| Weight             | 313g                    |

Specifications are subject to change without notice.

| VL5024U-MPZ        |                         |
|--------------------|-------------------------|
| Focal Length       | 50mm                    |
| F-number           | F2.4 - F16.0            |
| Working Distance   | 0.2m - Inf              |
| Angle of View (1") | 14.6° x 11.0° (D 18.2°) |
| Mount              | C                       |
| Sensor size        | 1"                      |
| Resolution         | 20MP                    |
| Filter size        | M43 x P0.75mm           |
| Dimensions         | φ 75mm x 66.5mm         |
| Weight             | 326g                    |

| VL7531U-MPZ        |                       |
|--------------------|-----------------------|
| Focal Length       | 75mm                  |
| F-number           | F3.1 - F16            |
| Working Distance   | 0.25m - Inf           |
| Angle of View (1") | 9.8° x 7.3° (D 12.2°) |
| Mount              | C                     |
| Sensor size        | 1"                    |
| Resolution         | 20MP                  |
| Filter size        | M43 x P0.75mm         |
| Dimensions         | φ 75mm x 87mm         |
| Weight             | TBD                   |

