The iShot® Full HD 12mm Micro Camera System is a compact, Full HD 12mm diameter camera head on a 3 or 5-meter cable, lens and camera control unit perfect for monitoring and inspection needs. This versatile system delivers up to 1080i/30fps HD resolution on any HDMI monitor. The easy-to-use camera control unit gives the user zoom, shutter speed, white balance, gain and exposure manual control as well as offering automatic control settings. The system is powered through a USB port or a wall AC Adaptor.

The camera head is 12mm in diameter (.500") with a 1/3" CMOS sensor and comes with 4 options of lenses: 3.1mm, 6mm, 16mm, or 30mm focal length. Lenses have manual aperture control and are easily interchangeable.

The iShot® Full HD 12mm Micro Camera System is ideal for remote visual inspection or machine vision in manufacturing/production, aerospace, and power generation applications.
<table>
<thead>
<tr>
<th>Select a Camera Head with CCU</th>
<th>Select a Camera Lens</th>
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| **iShot® Full HD 12mm Micro Camera Head with 3 Meter Cable and CCU**  
EM15323  
Includes our Full HD 12mm 1/3" CMOS sensor camera with a cable length of 3 Meters and our easy to use camera control unit. | **iShot® 3.1mm Lens for Full HD 12mm Micro Cameras**  
EM15274  
The 3.1mm Lens is for use with the Full HD 12mm micro camera.  
- Maximum Aperature: 1.2.0  
- Horizontal Angle of View: 90°  
- Focus Range: 7mm to infinity |
| **iShot® Full HD 12mm Micro Camera Head with 5 Meter Cable and CCU**  
EM15195  
Includes our Full HD 12mm 1/3" CMOS sensor camera with a cable length of 5 Meters and our easy to use camera control unit. | **iShot® 6mm Lens for Full HD 12mm Micro Cameras**  
EM15275  
The 6mm Lens is for use with the Full HD 12mm micro camera.  
- Maximum Aperature: 1.2.0  
- Horizontal Angle of View: 42°  
- Focus Range: 30mm to infinity |

<table>
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<tr>
<th>Select a Power Supply</th>
<th>Select a Camera Lens</th>
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| **iShot® DC 5V USB Power Supply for Full HD 12mm Micro Camera CCU**  
EM15282  
The DC 5V USB Power Supply is for use with the CCU. USB power-USB Mini-B. AC Adaptor: AC 100V~240V 50Hz/60Hz. | **iShot® 16mm Lens for Full HD 12mm Micro Cameras**  
EM15278  
The 16mm Lens is for use with the Full HD 12mm micro camera.  
- Maximum Aperature: 1.3.4  
- Horizontal Angle of View: 15°  
- Focus Range: 300mm to infinity |
| **iShot® 30mm Lens for Full HD 12mm Micro Cameras**  
EM15279  
The 30mm Lens is for use with the Full HD 12mm micro camera.  
- Maximum Aperature: 1.3.4  
- Horizontal Angle of View: 7°  
- Focus Range: 800mm to infinity |