



# Mentor Visual iQ\* borescope adapter

## Remote visual inspection

### Adapt rigid borescopes and flexible fiberscopes to the Mentor Visual iQ VideoProbe\*

Combine optical clarity, durability and high-temperature operation of a rigid borescope with the image capture and data management capabilities of the Mentor Visual iQ VideoProbe system. The borescope adapter connects to the handset of the Mentor Visual iQ system as an interchangeable probe, adding versatility to your RVI toolkit.

### Features

- Couples illumination from Mentor Visual iQ system to the borescope
- VGA camera captures live video at high resolution
- Minimizes cables and connections
- Enables all Mentor Visual iQ system data management features
- Adapt to all Waygate Technologies rigid borescopes and fiberscopes. Can also adapt to rigid borescope and fiberscopes from other manufacturers.



### C-mount eyepiece coupler†

| Part number | Focal length | Recommended scope  |
|-------------|--------------|--|
| CCF28       | 28 mm        | Rigid borescope greater than 4.0 mm diameter.  |
| CCF35       | 35 mm        | All fiberscopes and 2.7 mm diameter rigid borescope.                                   |
| CCF35       | 45 mm        | 1.7 mm and 1.9 mm diameter rigid borescopes. Fiberscopes less than 2.0 mm in diameter. |

†Sold separately

### Rigid borescope light post adapter

| Manufacturer         | Adapter part number |
|----------------------|---------------------|
| Waygate Technologies | Included            |
| Henke-Sass Wolf      | Included            |
| Olympus*             | LGA-PAM†            |
| Richard Wolf         | LGA-PWF†            |
| KARL STORZ           | LGA-PS†             |

†Sold separately

### Borescope adapter kit contents (Part no. MVIQABSA)

- Mentor Visual iQ borescope adapter
- Nylon carrying case
- Waygate Technologies light post adapter
- Quick start guide

### Technical specifications

|                                |  |
|--------------------------------|--|
| <b>Camera:</b>                 | 1/3" COLOR, SUPER HAD CCD®   |
| <b>Pixel count:</b>            | 470,000 pixels   |
| <b>Camera coupling:</b>        | 28 mm, 35 mm and 45 mm C-Mount   |
| <b>Illumination:</b>           | Powered by dual internal high intensity LEDs   |
| <b>Cable length:</b>           | 1.97 m (6.46 ft.)  |
| <b>Weight:</b>                 | 0.89 kg (1.97 lbs.) 1.45 kg (3.19 lbs.)  |
| <b>Construction:</b>           | Painted magnesium body, stainless steel manocoil with rugged neoperene elastomer outer layer |
| <b>Operating temperature:</b>  | -20° to 46°C (-4° to 115°F)  |
| <b>Storage temperature:</b>    | -25° to 60°C (-13° to 140°F)   |
| <b>Hazardous environments:</b> | Not rated for use in hazardous environments  |

### Waygate Technologies: Inspection starts here.

Waygate Technologies provides technology-driven inspection solutions that deliver productivity, quality and safety. We design, manufacture and service ultrasonic, remote visual, radiographic and eddy current equipment and systems. We offer specialized solutions that will help you improve productivity in your applications in the aerospace, power generation, oil and gas, automotive or metals industries.

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