

Mentor Visual iQ UV VideoProbe QuickStart Guide



Components required to operate the Mentor Visual iQ UV VideoProbe*:

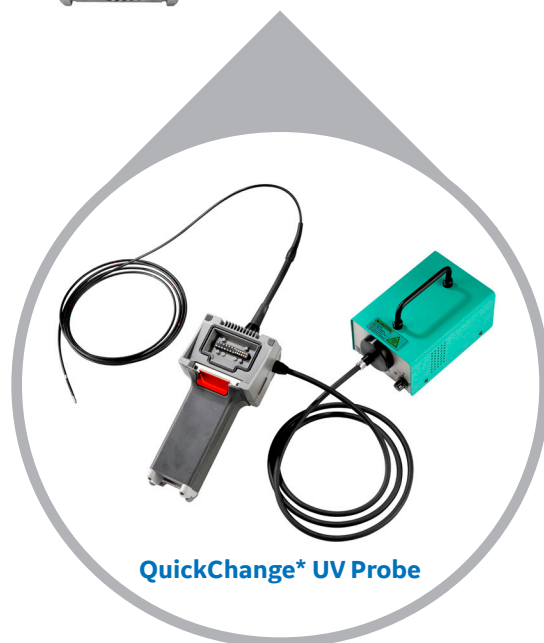
- Mentor Visual iQ Handset (Touch or Analyze only)
- Custom quartz fiber UV QuickChange* probe with y-off light guide
- Dual channel UV/White light switchable light source (Part number: ELS-50LEDUV)
- Custom UV tips if using 6.1mm diameter probe

Important Information:

- The 6.1mm Mentor Visual iQ UV probe requires custom optical tips to optimize UV light transmission
- All standard 4.0mm and 8.4mm optical tips transmit UV light
- All Mentor Visual iQ UV QuickChange* probes have received a custom dual image tweak to optimize performance under UV and white light.

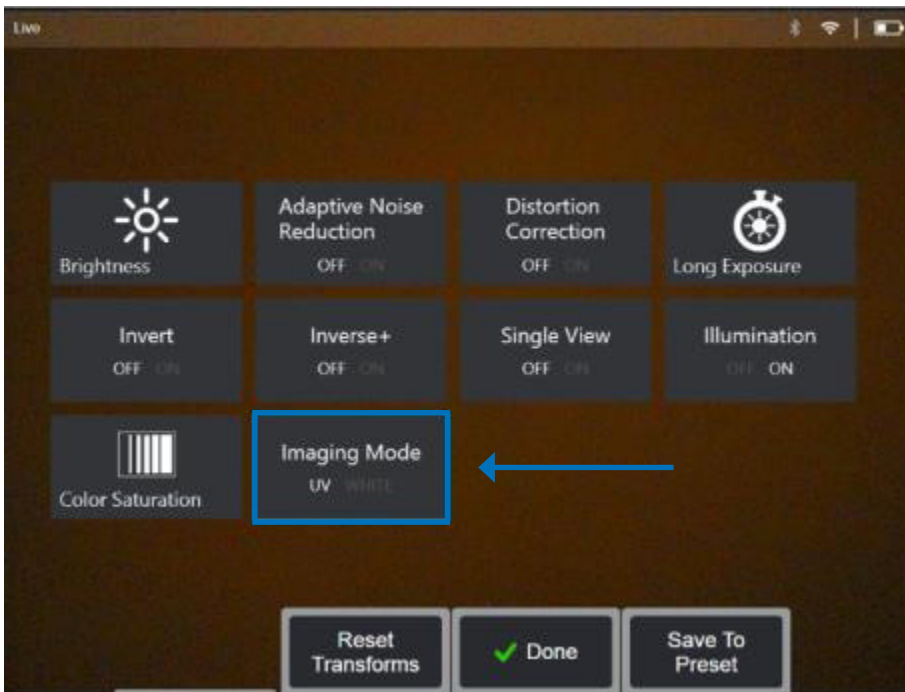
System Setup:

1. Connect the UV QuickChange* probe to the Mentor Visual iQ handset
2. Connect the light guide to the UV light source (ELS-50LEDUV)
3. Ensure the light source turret is switched to visible light
4. Connect the UV light source to AC power and power on the light source and Mentor Visual iQ
5. Perform a White Balance under visible light



Performing a White Balance:

1. In the Mentor Visual IQ user interface, go to the **Global Menu > Settings > Image & Video > White Balance > NEW**
2. Follow the on-screen instructions to point the probe at a white target from 25mm-50mm (1 to 2 inches).
Note: Although not mandatory, the ideal target to achieve more accurate color representation is a spectrally neutral gray target. You may use a white sheet of paper when performing a White Balance under visible light only. **Select > Done.** Proceed to perform white light inspection.
3. To switch back to UV light output, rotate the light source turret to UV light and perform the following in the Mentor Visual IQ user interface: Select the **IMAGE soft key > UV MODE**



Spectrally neutral gray target



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