



# Mentor Visual iQ+ VideoProbe

The latest generation built for efficiency

## Mentor Visual iQ just got an upgrade.

Improve your inspections and meet increasing standards with MVIQ+'s new and improved handsets and probes.

Due to groundbreaking technologies in image processing, Real3D™ measurement and workflow tools, the Mentor Visual iQ+ has had an upgrade to its hardware. This hardware upgrade enables tools and features to increase your inspection productivity while providing the most accurate asset assessment. See below for detail of what the MVIQ+ provides.

## How do I make the change?

Simply contact a Waygate sales manager to get a quotation to trade-in your current system and receive the latest model. Send your current handset to one of our global service centers and receive the new MVIQ+ model in the equivalent model configuration (Inspect, Touch, Analyze/Start, Enhance, or Pro) as your original. Software will be updated to the latest version so you can immediately take advantage of all the innovative changes that make MVIQ+ the world's best video borescope.

## What do I get?

| Description                 | Gray                     | Flame                                                                                   | MVIQ+                                                                                                                |
|-----------------------------|--------------------------|-----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| Memory                      | 16GB                     | 32GB                                                                                    | Upto 160GB                                                                                                           |
| Battery                     |                          |                                                                                         | Warm swap exchange capability plus 10% run time enhancement                                                          |
| Probe articulation          |                          |                                                                                         | Enhancement all-way articulation engine                                                                              |
| Blade Counter               |                          | 1.0                                                                                     | 2.0. AI-powered                                                                                                      |
| Assisted defect recognition | none                     | Will not be updated post 3.75                                                           | Full support                                                                                                         |
| Software updates            | Critical bug fixes only  | Critical bug fixes only                                                                 | Two SW updates per year to introduce new features and capabilities                                                   |
| Turning Tool                |                          | 2-way communication                                                                     | 2-way communication and control                                                                                      |
| Real3D                      | Basic                    | Adjust cursors in point cloud, assisted measurement types, 3D Stitching (5 image limit) | Automated and advanced measurement types: missing corner, surface angle and angle. 3D Stitching (max 10 image limit) |
| Voice                       |                          |                                                                                         | Full Voice support                                                                                                   |
| Processing Power            |                          |                                                                                         | Twice that of Flame to run analytics, measurement and other processes                                                |
| InspectionWorks             | Manual upload to IW only | Push2IW (automated upload). IW Store download capability                                | Push2IW (automated upload). IW Store download capability                                                             |
| Learn More                  |                          |                                                                                         | Full support                                                                                                         |
| Case / Accessories          |                          |                                                                                         | New case with spare battery and pole mount built into carry-on case. New handset cradle with kick stand.             |

## Upgrade your Probes

Alongside enhancements to the Mentor Visual iQ+ handset, the probe has been updated to deliver increased probability of detection, an improved articulation system, and added convenience through the inclusion of a highly visible nameplate.

- New high-intensity LED light engine
- Advanced Image processing
- 1.2 Mega Pixel Imager for 2X resolution
- Redesigned servo cams to provide increased articulation range with reduced noise
- Improved precision provided by upgraded servo controllers
- Optimized cable architecture in the insertion tube for enhanced durability

The MVIQ+ probes are backwards compatible with the Flame MVIQ model. Contact a Waygate sales manager to discuss options for Upgrading your probes.

