

HD quality photos & video...Wi-Fi remote viewing, and more!

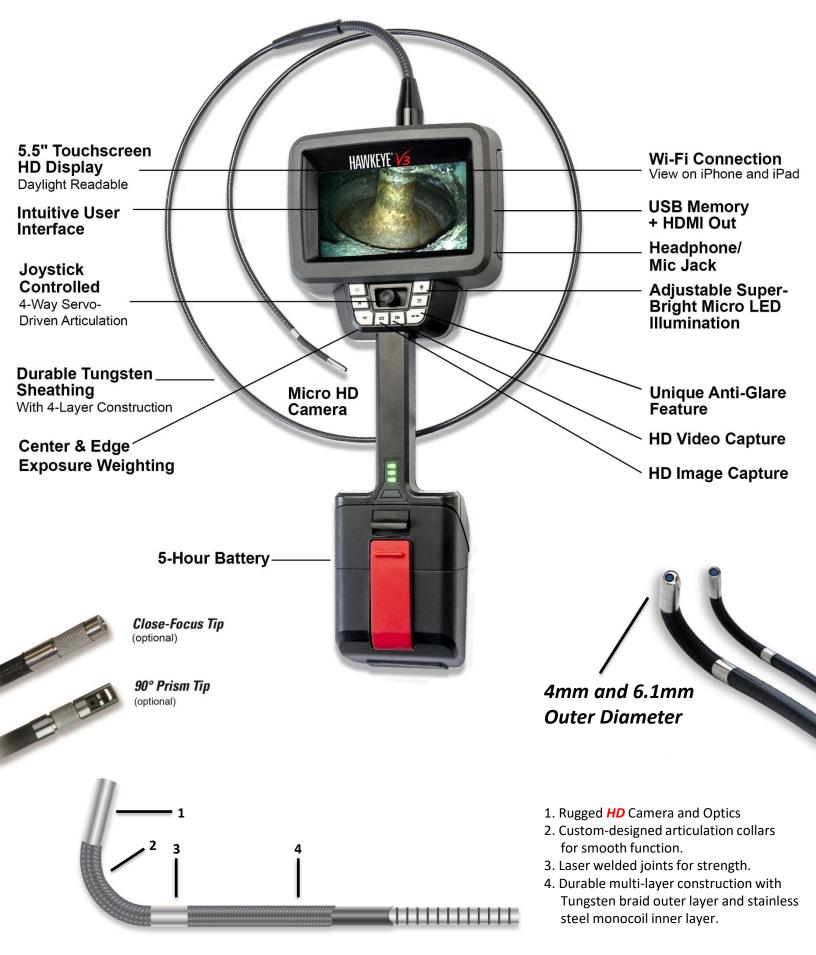
YOUR EYE INSIDE®





Hawkeye[®] V3 HD Video Borescope

2x the resolution of our closest competitor at half the price... (4mm OD)



BRIGHT, CRISP, CLEAR IMAGES!

... and image capture at the touch of a button



Aircraft Fuel Nozzle



Turbine Blade



Casting



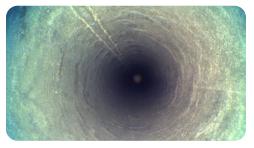
Gearbox



Orbital Welding



The Hawkeye[®] V3 *HD* Video Borescope features a new Micro *HD* video camera, and custom-engineered image processor. The 4and 6-mm Hawkeye V3's deliver simply the best image quality of any borescope on the market today! Video footage, and still images, captured by the V3 appear crystal clear and with vibrant, lifelike colors.



Cooling Tube

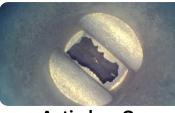


Crosshole

Features

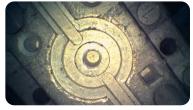


Anti-glare Off



Anti-glare On





Center Weighting On



Edge Weighting On

Weighting Off



- · WiFi Connection
- · Unique Anti-glare Feature

· 1280 x 720p Micro HD Camera

- · Center and Edge Exposure Weighting
- · Joystick Servo Articulation
- · 5x Digital Zoom (touchscreen controlled like your smartphone)
- · Rugged Tungsten Sheathing
- · Unique Tube Rotation Feature
- · Made in the USA

Touchscreen allows users to swipe left and right to view images like on your smartphone!



Remote viewing via WiFi! Capture images and videos on your iPhone or iPad.



EASY TO USE

Easy Operator Controls

User-friendly controls on handle include articulation home, center and edge weighting, image and video capture, anti-glare, lighting control and menu access. Menu functions can be controlled with touchscreen or joystick.



On-Screen Articulation Tracker

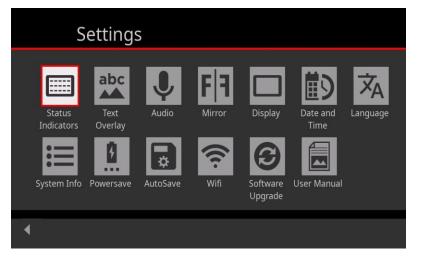


On-Screen Menu

Easy to use menu and file manager. Users can define where to save images and videos. Profile settings include auto save, confirm save and user defined folders . Notes can be added when viewing the stored image creating a report Microsoft word file.

Intuitive User Interface

User-friendly graphic user interface can be navigated using touchscreen or the joystick. User settings options include defining on-screen status indicators, text overlay, audio/mic, flipping and mirroring, time and date, wifi and power save mode.



ACCESSORIES



Close Focus Tip

The Close-Focus Tip allows the user to view defects, such as tiny cracks, up close with high magnification. The tip threads directly onto the Hawkeye V3 HD Video Borescope. Double threads are utilized to prevent the tips from falling off.

90 Degree Prism Tip

The 90° Prism Tip threads directly onto the Hawkeye V3 HD Video Borescope, allowing the user to view the walls of pipes and tubes and to more easily inspect certain turbine blades or engine valves in difficult engines. Double threads are utilized to prevent the tips from falling off.

V3 Rigidizer

When you push a flexible scope through a hole into a large open cavity it is difficult to direct and orient the scope tip. The V2 Rigidizer tube allows the user to easily direct the scope to whatever you want to see. Available for 4 mm and 6.1 mm scopes. Length: 17" Outside Diameters: 4 mm, 0.188" (4.8 mm) 6.1 mm, 0.313" (8 mm)



V3 Stand

When you are using the V3 in an area where portability is not a necessity, we suggest using it with the V3 Stand tripod. The stand attach on the back of the V3 using a $\frac{1}{2}$ 20 threaded screw.



V3 Neck Strap

When you are using the V3 in the field and want to distribute the weight we suggest using the V3 neck/waist trap. The neck strap securely attaches to the V3 using a $\frac{1}{2}$ 20 screw on the back of the unit.

EVERYTHING YOU'LL NEED, ALL IN A STURDY, LOCKABLE CARRYING CASE

Item:	Standard V3 Kit:	Deluxe V3 Kit:
V3 Video Borescope	Yes	Yes
Battery Charger	Yes	Yes
Spare Battery	No	Yes
Rigidizer	No	Yes
Stand	No	Yes
Neckstrap	No	Yes
Close Focus Tip	No	Yes
90° Prism Tip	No	Yes
16GB USB Flash Drive	Yes	Yes
Rugged Carrying Case	Yes	Yes
Deluxe Kit saves over <mark>\$500.00</mark> in accessory cost (Deluxe Kit pictures below.)		



V3 HD Video Borescope

Hawkeye® V3 HD Video Borescope

Outer Diameter	Length	Articulation	Sheath	Model No.
4mm	1.5m (4'11")	4-Way	Tungsten	V3 040 1500 4
4mm	3.0m (9'10")	4-Way	Tungsten	V3 040 3000 4
6.1mm	1.5m (4'11")	4-Way	Tungsten	V3 060 1500 4
6.1mm	3.0m (9'10")	4-Way	Tungsten	V3 060 3000 4

*Includes V3 Video Borescope, 16GB USB flash drive, battery charger and carrying case.

Hawkeye® V3 HD Video Borescope Deluxe Kits

Hawkeye V2 Deluxe Kits contain everything you'll need to complete a wide range of inspections. Deluxe Kits contain all the components of the standard kit, PLUS, the 90° Prism Tip, the Close-Focus Tip, the Rigidizer tube, and the V3 Stand, neck strap and spare battery.

Outer Diameter	Length	Articulation	Sheath	Model No.
4mm	1.5m (4'11")	4-Way	Tungsten	V3D 040 1500 4
4mm	3.0m (9'10")	4-Way	Tungsten	V3D 040 3000 4
6.1mm	1.5m (4'11")	4-Way	Tungsten	V3D 060 1500 4
6.1mm	3.0m (9'10")	4-Way	Tungsten	V3D 060 3000 4

*Includes V3 Video Borescope, 90° prism tip, close focus tip, 16GB USB flash drive rigidizer, neck strap, spare battery, battery charger, and carrying case.

Hawkeye® V3 HD Video Borescope Accessories

Item	Model No.	Item	Model No.
4mm Close-focus Tip	V3 TIP 4CF	V3 Stand	V3 STAND
4mm 90° Prism Tip	V3 PTIP 4 90	V3 Neck Strap	V3 STRAP
6.1mm Close Focus Tip	V3 TIP 6CF	V3 Spare Battery	V3 BATT
6.1mm 90° Prism Tip	V3 PTIP 6 90	V3 Charger	V3 CHARGER
V3 Rigidizer 4mm	V3 RT4	V3 Case	V3 CASE
V3 Rigidizer 6.1mm	V3 RT6		

SPECIFICATIONS

Hawkeye[®] V3 HD Video Borescope Specifications

Part Number	V3 040 1500 4	V3 040 3000 4	V3 060 1500 4	V3 060 3000 4
Diameter	4mm	4mm	6.1mm	6.1mm
Length	1.5m (4'11")	3.0m (9'10")	1.5m (4'11")	3.0m (9'10"
Articulation	4-Way	4-Way	4-Way	4-Way
Direction of View	0°	0°	0°	0°
Field of View	70°	70°	70°	70°
Depth of Field	18mm to ∞	18mm to ∞	18mm to ∞	18mm to ∞
Outer sheath	Tungsten	Tungsten	Tungsten	Tungsten
Inner sheath	Stainless steel mono-coil	with outer polymer layer		
Min. Bend Radius	32mm	32mm	45mm	45mm
Weight	5.4lb	5.4lb	5.4lb	5.4lb
Certified	CE	CE	CE	CE
Color Camera		1280 x 720p Color CMOS se	ensor	
Illumination		Integrated white LED		
Display		5.5", HD, touchscreen, high	n brightness, daylight readabl	e
Interface		HDMI, USB 2.0 flash memory, USB micro b for computer interface,3.5mm headphone/mic jack		r interface, 3.5mm
Recording media USB thum		JSB thumb drive		
Image capture format (reso	olution)	JPEG (1280 x 720p)		
Video capture format (reso	lution)	MPEG4 (1280 x 720p)		
Internal memory		1GB (approximately 1,800	images or 18minutes of video)
Display battery		5hr run time, 14.4V, 92Wh	lithium ion	
Power		AC Input: 100-240 VAC, 50-60 Hz, 1.5 A Max, DC Output: 24V, 2.5 A		: 24V, 2.5 A
90° Prism Tips				
Part Number	V3 PTIP 4 90	V3 PTIP 4 90	V3 PTIP 6 90	V3 PTIP 6 90
Direction of view	90°	90°	90°	90°
Field of view	70°	70°	70°	70°
Depth of field	18mm to ∞	18mm to ∞	18mm to ∞	18mm to ∞
Tip outer diameter	4mm	4mm	6mm	6mm
0° Close-focus Tips				
Part Number	V3 TIP 4CF	VC TIP 4CF	V3 TIP 6CF	V3 TIP 6CF
Direction of view	0°	0°	0°	0°
Field of view	70°	70°	70°	70°
Depth of field	6-35mm	6-35mm	6-35mm	6-35mm
Tip outer diameter	4mm	4mm	6mm	6mm

SPECIFICATIONS

Environmental

Sheath operating temperature in air: -25° C to 80° C (-13 to +180 F), in water 10° C to 30° C (50 – 86 F)		
Storage temperature , entire unit -30° C to 60° C (-22 – 140 F)		
Air pressure: 1 atmosphere		
Humidity: 5-95% relative humidity		
Fluid resistance of sheath	Resistance to water up to 5% salinity and most oils (except hydraulic fluid)	
Water resistance of sheath	Waterproof	
Borescope handle and monitor	Splash resistant only	
Gradient Lens provides no guarantee without a specific material test.		

V3 HD Video Borescope Interface

Quick access interface	Intuitive image and video capture function
Customizable user profiles	Yes
Digital zoom	5x (Touchscreen operation)
Image rotation	Yes
Mirrored image	Yes
Time and date	Yes
Anti-glare	Yes
Center and edge weighting	Yes
WiFi	Yes, via app iOs device only
External screen display	Yes, HDMI
Text annotation	Yes
Menu language selection	Yes
Memory device	USB Flash drive (16GB USB flash drive included, approximately 30,000 images, 4.5 hours video)
Image capture format	JPEG
Video capture format	MPEG4
Playback of captured images	Any program that supports JPEG
Playback of captured videos	Windows media player
Input/output connections	HDMI, USB 2.0 flash memory, USB Mini B for computer interface, 3.5mm headset/mic jack



Gradient Lens Corporation

