



The Right Tool for the Job



Versatility and Power for Multiple Jobs

With interchangeable insertion tubes and light sources, an 8 inch touch screen, and advanced imaging features, the IPLEX GX/GT videoscope delivers an optimal balance of versatility, imaging capabilities, and ease of use.



- Get the Most Out of Your Videoscope -

Powerful Features at Your Fingertips

- Easy-to-use touch screen and hot key controls
- Position the screen where it's comfortable for you
- Bright and clear images with smart video

One Tool for Many Jobs

- Change between white, ultraviolet, and infrared light sources
- Interchangeable scopes in a variety of diameters and lengths
- Tough enough to work in harsh environments



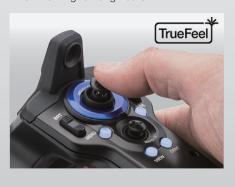


Powerful Features at Your Fingertips

Precise Movements with a Light Touch

Responsive TrueFeel articulation enables you to control the scope's tip with precise movement so that you can navigate to your target area quickly, and stay in position with locking capability.

A light touch of the control helps minimize fatigue when working for long hours.





Innovative Imaging Improves Inspections

Bright Illumination

The LED light source of IPLEX GX/GT is 30% brighter than its predecessor (IPLEX RX/RT).

Crisp images

The videoscope uses a new noise reduction algorithm to make it easier to locate problems and defects in dark areas.

Smooth 60 fps video

Capture smooth videos with the videoscope's high frame rate. If you are recording a moving object, you can obtain clear videos with no stutter.

Bright and Crisp images





IPLEX RX/RT (predecessor)

IPLEX GX/GT

Smooth 60 fps video





IPLEX RX/RT (predecessor)

IPLEX GX/GT





Convenient Controls

The large monitor leaves plenty of room to display both your inspection image and quick control buttons. Most functions can be controlled using the touch screen, including the articulation. If you want to use the full screen to view images, the hot keys on the controller give you control over the most important functions.

Smart Video Recording

Record still images and video simultaneously

With the push of a button, you can capture still images while recording a video without interruption.

Bookmark

Add bookmarks to save time and quickly find critical moments during video reviews.



Constant video*

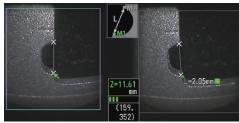
Never lose critical inspection recordings.

The videoscope automatically records the last
30 minutes of your inspection even if you forget
to press the record button.

*Available only with IPLEX GX and requires optional microSDHC card

Powerful Measurement at Your Fingertips

The videoscope is equipped with scalar measurement as a standard feature, enabling you to size objects using a reference defect. For more advanced functionality, upgrade to the stereo measurement option to size objects using precise three-dimensional coordinates.



Point-to-line







Visit our website for more information.

One Tool for Many Jobs

Interchangeable Scopes and Light Sources. Modular Components Enable You to Adapt the Videoscope to Your Inspection Tasks

Scopes are available in 4 mm and 6 mm diameters with lengths up to 10 meters (32 feet). Interchangeable illumination modules also allow you to change between White LED, UV, or IR.

Scope unit

· Scope diameter 6.0 mm: length 2.0 / 3.5 / 7.5 / 10 m

· Scope diameter 4.0 mm: length 2.0 / 3.5 m

Light sources

· White light: standard inspections

- · Ultraviolet (UV): detect hairline cracks, lubricants
- · Infrared (IR): view objects in dark areas

The scopes and illumination modules can be changed on-site quickly and easily, reducing downtime.



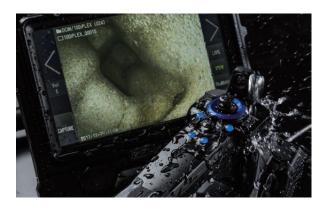




Stream Inspection Images for Quick Decision Making

Using the recommended USB wireless LAN adaptor, images can be shared with colleagues using smartphones or tablets during the inspection. This helps make it easy to diagnose problems with the assistance of other inspectors.

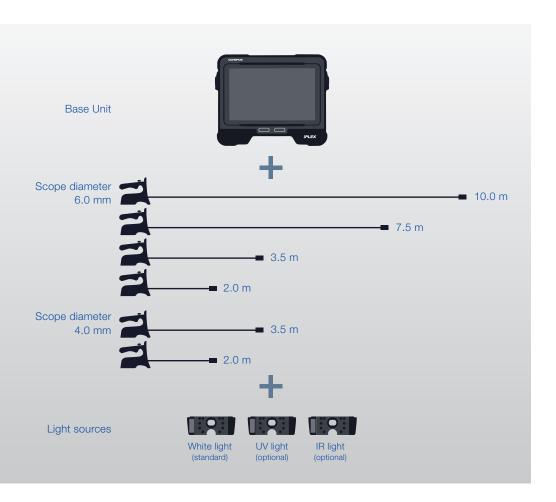
The Olympus IPLEX Image Share app is available on the App Store for compatible iOS devices.



Tested Tough

The videoscope is designed to meet IP65 standards for dust and water resistance and built to pass U.S. Department of Defense testing (MIL-STD) for protection against:

- · Drops of up to
 - 1.2 meters (4 feet) · Salt fog
- Vibration
- Blowing rain
- · High humidity
- · Freezing rain
- · Electromagnetic environments
- · Explosive atmospheres





See clearly in Oily Environments

The grooves on the oil clearing tip adaptor uses capillary action to draw oil away from the lens, keeping your images clear and visible so that you don't have to stop your inspection to wipe oil off of the scope's lens.





Visit our website for more information.

Accessories

Carrying Case

The hard-walled carry case is small enough to fit in the overhead bin of most airplanes, while protecting the videoscope against the rigors of travel.



Scope Case

(optional) MAJ-2339



Lithium-ion Battery

The battery provides up to 150 minutes of operation.

Rigid Sleeve Sets

(optional)

MAJ-1253 (for 6.0 mm) MAJ-1737 (for 4.0 mm)

Sets are available for 6 mm and 4 mm scopes. Each set comes with three rigid sleeves, measuring 250 mm, 340 mm, and 450 mm in length.

Optical Adaptors (optional)

A variety of optical adaptors for the scope enable you to change the angle, direction, and depth of view.

Guide Tube

(optional) **MAJ-2341** (for 7.5 m) **MAJ-2342** (for 10.0 m)



IPLEX GX/GT Features and Specifications

BASIC FUNCTIONS

		IV9420G	IV9435G	IV9620G	IV9635G	IV9675G	IV96100G		
	Scope diameter	Ø	4.0 mm		ø 6.0	mm			
	Scope length	2.0 m (6.6 ft.)	3.5 m (11.5 ft.)	2.0 m (6.6 ft.)	3.5 m (11.5 ft.)	7.5 m (24.6 ft.)	10.0 m (32.8 ft.)		
nsertion tube	Exterior			High durability	tungsten braid				
	Tube flexibility	Unifo	rm stiffness		red Flex tube with flexibility gradu	ually increasing toward the dista	l end		
	Temperature sens		TH Still CSS	2-stage indicator for hig		daily increasing toward the dista	a crid		
	Articulation angle	OI .		z-stage indicator for file	gri terriperature warriing				
A	up/down/right/left		130°	15	0°	120°	110°		
Articulation section			To a Foot also store in	titi- d-ti / Fi :					
	Articulation operat				mode articulation control by touc				
Approx. weight		0.99 kg (2.2 lbs)	1.05 kg (2.3 lbs)	1.06 kg (2.3 lbs)	1.17 kg (2.6 lbs)	1.47 kg (3.2 lbs)	1.66 kg (3.7 lbs)		
Dimensions (W x D	xH)		97 mm × 188	mm × 158 mm (3.8 in. × 7.4	in. × 6.2 in.) Protruding parts n	ot included			
Illumination				LED illu	mination				
ASE UNIT									
Model No.			IPLEX GX			IPLEX GT			
Weight (with battery	1)			1.77 kg	(3.9 lbs)				
Dimensions (W x D	x H)		241 mm × 19	90 mm × 70 mm (9.5 in. × 7.5	in. x 2.8 in.) Protuding parts no	ot included			
Dimensions of carry	ring case		375 mm × 525	mm × 243 mm (14.8 in. × 20	.7 in. × 9.6 in.) Carry-on size on	most airlines			
Display					oe touch screen, 5 step adjustab				
- lopidy	AC power		o mon dayngin non	100 V to 240 V, 50/60 Hz		no 200 baoraign			
Power supply			10.01/			150 minutos			
P1	Battery		10.8 v nominal,		Battery operation time: approx	. 100 Minutes			
/ideo output standard				TypeA I					
leadset (microphor	ne in/ audio out)				ni plug CTIA				
ive image streamin	ng		Attach the r	ecommended USB wireless L	AN adapter to the Type A USB of	connector			
Scope unit interchar	ngeability	A	vailable for all scope model combinati	ion	Availa	able between the same scope m	nodel		
OFTIMBE SEATURE	.0	·							
OFTWARE FEATURE	S								
mage features				5X digital zoom, 16-s	tep brightness control				
Gain control		4-step adju-	stable gain control(Manual, Auto, Wid	der1, Wider2)	Auto				
Dynamic noise redu	ction		Available		_				
Sharpness control			4-mode adjustable sharpness contro		_				
Saturation control			3-step adjustable control of color saturation (Monotone, Natural, Vivid)			_			
		3-step aujustabi	e control of color saturation (Monotor		PH. P. L.	_			
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Note text options		30-	character title display, mark, free drav		erted to up and down and rotate				
		TIONIO							
	IAGEMENT FUNC			SDHC (with s	upplied SDHC)				
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Other parts

OPTICAL TIP ADAPTOR SPECIFICATIONS

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		AT40D-IV96G	AT80D/NF-IV96G	AT80D/FF-IV96G	AT120D/NF-IV96G	AT120D/FF-IV96G	AT80S-IV96G	AT120S/NF-IV96G	AT120S/FF-IV96G	AT220D-IV76	AT100D/100S-IV76
	Field of view	40°	80°	80°	120°	120°	80°	120°	120°	220°	100°/100°
Optical system	Direction of view	Forward Side							Forward	Forward/Side	
System	Depth of field*2	200 to ∞ mm	9 to ∞ mm	35 to ∞ mm	2 to 200 mm	19 to ∞ mm	15 to ∞ mm	1 to 25 mm	3 to ∞ mm	1.6 to ∞ mm	2.0 to ∞ mm
Distal	Outer diameter*3	ø 6.0 mm							ø 8.4 mm	ø 6.0 mm	
end	Distal end*4	18.4 mm	18.9 mm	18.8 mm	18.9 mm	18.8 mm		24.2 mm		21.1 mm	29.5 mm
Oil clearii	ng			Available							

4.0 mm Viewing Tip Adaptors

		AT80D/ FF-IV94G	AT120D/ NF-IV94G	AT120D/ FF-IV94G	AT100S/ NF-IV94G	AT100S/ FF-IV94G		
Optical system	Field of view	80°	120°	120°	100°	100°		
	Direction of view		Forward	Side				
	Depth of field*2	35 to ∞ mm	2 to 200 mm	17 to ∞ mm	2 to 15 mm	8 to ∞ mm		
Distal end	Outer diameter*3	ø 4.0 mm						
	Distal end*4		19.0 mm	21.7 mm				
Oil clearing			Available	_				

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11. Upgrade for optional function.

2. Indicates the viewing distance with optimal focus.

3. The adapter can be inserted into a 04.0 mm, o6.0 mm and ø8.4 mm hole when it is mounted on the scope.

4. Indicates the length of the rigid portion at the scope's distal end when mounted.

Stereo Tip Adaptors (4.0 mm and 6.0 mm)

		AT50D/ 50D-IV94	AT50S/ 50S-IV94	AT60D/ 60D-IV96	AT60S /60S-IV96	
Optical system	Field of view	50°,	/50°	60°/60°		
	Direction of view	Forward	Side	Forward	Side	
	Depth of field*2	5 to ∞ mm 4 to ∞ mm		5 to ∞ mm	4 to ∞ mm	
Distal end	Outer diameter*3	ø 4.0) mm	ø 6.0 mm		
	Distal end*4	24.3 mm	28.4 mm	24.9 mm	31.3 mm	

The operating environment performance is confirmed by the above MIL-STD-810G and MIL-STD-461G. No warranty is given as to damage-free under any conditions. Please ask Olympus sales representative for details.

• OLYMPUS CORPORATION is ISO14001 certified.

OLYMPUS CORPORATION is ISO9001 certified.

This product is designed for use in industrial environments for the EMC performance.
Using it in a residential environment may affect other equipment in the environment.
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Images on the PC monitors are simulated.

Specifications and appearances are subject to change without any notice or obligation on the part of the manufacturer.

