


Camera Specifications

	 BLACK & WHITE CAMERA	 BLACK & WHITE MINI CAMERA	 COLOR CAMERA	 COLOR MINI CAMERA
Line Capacity:	3" to 12" (7cm to 30cm)	2" to 4" (5cm to 10cm)	3" to 12" (7cm to 30cm)	2" to 4" (5cm to 10cm)
Maximum Distance:	400 ft. (122m)	200 ft. (61m)	400 ft. (122m)	200 ft. (61m)
Operating Depth:	350 ft. (150psi)	350 ft. (150psi)	350 ft. (150psi)	350 ft. (150psi)
Resolution:	430(H) x 430(V)	430(H) x 430(V)	330(H) x 350(V)	400(H) x 400(V)
Pixels:	512(H) x 492(V)	512(H) x 492(V)	512(H) x 492(V)	512(H) x 492(V)
Sensitivity:	0.03 Lux	0.03 Lux	0.5 Lux	0.03 Lux
Lighting:	28 Ultra Bright Red LED's 15,750 Mcd	16 Ultra Bright Red LED's 9,000 Mcd	28 Ultra Bright White LED's 15,400 Mcd	16 Ultra Bright White LED's 8,800 Mcd
Camera Dimensions:	1.6" x 1.4" long (41mm x 36mm)	1.3" x 1.5" long (33mm x 38mm)	1.6" x 1.4" long (41mm x 36mm)	1.3" x 1.5" long (33mm x 38mm)
Push-Rod Diameter:	.48" (12mm)	.37" (9mm)	.48" (12mm)	.37" (9mm)
Slip Ring:	Litton Slip Ring Capsule	Litton Slip Ring Capsule	Litton Slip Ring Capsule	Litton Slip Ring Capsule
Reel and Frame Dimensions:	29" L x 16" W x 33-1/2" H (73.6cm x 40.6cm x 85cm)	18" L x 10" W x 22" H (46cm x 25cm x 56 cm)	29" L x 16" W x 33-1/2" H (73.6cm x 40.6cm x 85cm)	18" L x 10" W x 22" H (46cm x 25cm x 56 cm)
TV/VCR Case Dimensions:	20" L x 17" W x 21" H (51cm x 43cm x 53cm)	20" L x 17" W x 21" H (51cm x 43cm x 53cm)	20" L x 17" W x 21" H (51cm x 43cm x 53cm)	20" L x 17" W x 21" H (51cm x 43cm x 53cm)
VCR Video Format:	VHS in NTSC or PAL	VHS in NTSC or PAL	VHS in NTSC or PAL	VHS in NTSC or PAL
Power:	110v/60hz AC, 12v DC	110v/60hz AC, 12v DC	110v/60hz AC, 12v DC	110v/60hz AC, 12v DC
Operating Temperature:	14°F to 122°F/-10°C to 50°C	14°F to 122°F/-10°C to 50°C	14°F to 122°F/-10°C to 50°C	14°F to 122°F/-10°C to 50°C

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**General
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Reels and Skids

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Flexibility, Strength, Durability

The push rods use a combination of aircraft-type wire rope reinforcement and a tough fiberglass core wrapped in a durable polyethylene sheath. It gives you the flexibility you need, the strength to push out long distances, and the pulling power to get your camera back again. The leader spring is double reinforced with wire rope to keep the camera securely anchored to the rod. A shielded coaxial video cable delivers sharp picture quality through long lengths of rod – without transmitter interference. Push rods are easily detachable from the reels for upgrade or replacement.



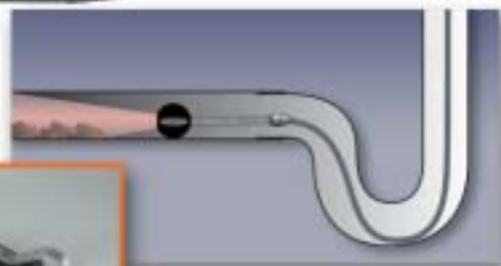
Big capacity reels take up little space in your truck

The standard reel holds up to 400 ft. of push rod in a sturdy frame with a convenient handle set at the right height. Eight inch wheels ensure easy transport to and from the job. The mini reel carries up to 200 ft. of push rod in a compact frame for easy handling without taking up too much room in your truck. You can even use the mini reel on the standard frame. Saves you money, too.

The open cage reel makes it easy to clean the push rod. An adjustable ratchet-type drag brake keeps the push rod neatly stored in the reel as you feed the camera into the line. The reels have a mercury-free slip ring for smooth feeding and continuous pictures whether the frame is sitting vertically or on its side. All metal parts have a powder coated finish.

Two skid designs

Skids keep the camera centered and riding higher in the pipe for a better view. They also reduce drag on longer runs. A unique trap skid that protects the LED casing from abrasion as it slides through cast iron P-traps comes with each camera system. An optional 3-in-1 skid assembly easily adapts to 3 different pipe diameters - 4", 6", and 8" – is also available.



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The toughest tools down the line.™

Command Module

Gen-Eye™3



Built-in 512 hz and 874 hz transmitters

Built-in titler, time/date stamp, and on-screen distance counter controls

LED dimmer control

External titler connections

Cooling fan

12 Volt DC Jack

Power indicator

Picture inverter

Internal microphone

Camera connection

External microphone jack

Power switch

Power cord connection

Look at all the built-in extras conveniently located on the control panel

Here's what the face of the Command Module control panel looks like. You have quick access to all these features that make your job easier:

- Built-in dual frequency 3-watt transmitter. No separate components to install or wire. The transmitter is built into the control panel. Just push a button to turn it on.
- Built in on-screen distance counter – in feet or meters. Lets you keep track of the amount of push rod you've fed into the line. It helps you zero in on the area to start locating the camera.
- Built-in titler. You get two lines, 31 characters each, to add your company name and phone number to every video you make. Make sure your customers remember who did the job.
- On-screen date and time stamp. You can document the date and time of each job for your records. Turn videos into legal documents.
- Dimmer control. It lets you adjust the light level of the camera's LED's to match the size and reflectivity of the pipe you're working in.
- Picture inverter. No more standing on your head when the camera turns upside down. Just push the invert button and the picture is right side up again.
- Built-in voice over unit. Internal microphone and push on/push off button lets you add commentary to the videos you give to your customers. Or get an optional external microphone for noisy environments.
- AC/DC switchable. A built-in 12-volt DC power inverter allows you to operate in the field with truck power alone.
- Extra storage space. In the command module lid, there's room for AC and DC power cords, and sunshield.
- Other standard features include: Panel mount fuses, and a compartment under the TV/VCR that holds two tapes.



Slide-out handle and wheels.

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Gen-Eye external titler.

Built-in TV/VCR and lots of extras – All standard equipment

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The Gen-Eye™ Command Module: The portable control center

No need to worry about an expensive TV and VCR bouncing around in your truck. The Gen-Eye™ Command Module packs a 9" color monitor and VCR combination into a compact, fully padded design – for maximum protection from shock and abuse. A slide-out handle and wheels make it easier to transport the unit to and from the job.

The Gen-Eye Command Module is guaranteed to make your job easier. The waterproof, fan cooled, high impact polyethylene carrying case operates in any of three positions: on its back, at a 45 degree angle, or at a 90 degree angle – for convenient viewing from virtually any work angle. The built-in DC power inverter lets you operate in remote locations far from an AC power source. Bothered by glare? Just snap on the handy four-sided sun shield to block bright light from any direction.

The Gen-Eye3 Command Module combines a 3-watt transmitter – three times greater than other models – with a dual frequency transmitter (512 hz and 874 hz) to reduce interference and make camera location easier. The complete electronic package includes an LED dimmer control, picture inverter, voice over, on-screen distance counter (in feet or meters), date/time stamp, and built-in two line 31 character titler.



Position the Gen-Eye on its back ... 45 degree angle ... or 90 degree angle.