

Schwem GX-4

Camera/Image Stabilizer



Stabilized video at high resolution

The new Schwem GX-4 from Tinsley Laboratories gives you everything you need for shooting from moving platforms - broadcast quality resolution, a great zoom lens, and rock-solid image stabilization .

It matches the new Sony DXC-9503-CCD camera (over 700 lines of horizontal resolution) and a Fujinon 8X zoom with Schwem's unique optical image stabilization. The package weighs just 8.5 pounds. Fully configured for ENG operation it's still under 12 pounds.

The GX-4 is the perfect camera system for shooting fast-breaking news from helicopters, airplanes, boats and motor vehicles. Even hand held. It gives you stable video even when the platform is moving or shaking. It frees you forever from bulky, unwieldy, expensive mechanical stabilizers and mounts..

GX-4 features

- ' Resolution of 720 Lines.
- ' Up to 98% effective stabilization
- ' 16 to 128 mm 8X zoom lens
- ' Compact, lightweight, well balanced
- ' Fast pan and tilt
- ' Optional remote control
- ' Computer designed optics
- ' Low power consumption
- ' Standard composite video out

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Specifications:

Stabilizer:

Stabilization	1.0 Hz. - 87%
	4.0 Hz. - 96%
	10.0 Hz. - 98%
Stable Region	+/- 2%
Angular Freedom	+/- 5%
Limiting pan Rate	> 50E/second

Camera (Sony DCX-950):

Imager	3-CCD 1/2", interline transfer type
Horizontal Resolution	720 H TV Lines
Sensitivity	2000 Lux (f 5.6, 3200K)
Signal to Noise Ratio	58 dB
Gain Control	Auto, manual 0 to 18 db in units of 1 dB
White Balance	Auto, manual; Red and Blue Gain, Adjustable Individually
Electronic Shutter Speed	Adjustable in Range 1/10,000 to 8.5 Seconds
Output Signals	Composite: 1.0V p-p, 75 Ohms, RGB: 0.7V p-p, 75 Ohms

Zoom Lens (Fujinon A8x12RH):

Focal Length	16 - 128mm
Zoom Ratio	8x
Maximum Aperture	f 2.8
Minimum Object Distance	1 meter
Angular Field of View	39E 58" × 30E 30" to 5E 14" × 3E 56"

System:

Power Consumption	< 12 watts
Power Supply	12 - 15 VDC
Weight	8.5 pounds, without handheld options
Remote Control Panel	(Optional) Includes Controls For Auto/Manual Iris, Focus, Zoom Stabilizer On/Off
Hand Held Configuration	(Optional) Includes Viewfinder, Handgrips, Servo Controls, Stabilizer On/Off
Dimensions	12" long x 4.5 - 6.5" high (without hand held options)