

# Falcon 3X

## SYSTEM SPECIFICATIONS



<b>System Type</b>	3-axis gyro stabilized
<b>Field of Regard</b>	
Azimuth Coverage	360° continuous
Elevation Coverage	+ 30° to - 210°
Roll Coverage	+/- 145°
<b>Maximum Slew Rate</b>	120°/sec
<b>Weight</b>	
Gimbal System	~63 lbs (typical complete system w/camera, lens, and electronics)
Aux. Electronics Unit	1.4 LBS
Cable Set (3 ft)	< 1 lb.
Optional AC Power Supply	3.7 lbs
<b>Temperature</b> (Operating)	-10° to 45°C
(Storage)	-20° to 65°C
<b>Power</b>	
Input Voltage:	24 – 28 VDC (AC supply optional)
Power - Quiescent	55W (typical w/ camera on)
Power – Dynamic Max	355W (inquire for power sensitive applications)
<b>Video</b>	1.5Gbps SMPTE 292M HDTV 1300nm wavelength fiber optic Standard ST Connector
<b>Control</b>	2 Channel Digital (RS-422) for camera and head control Optional fiber optic transceivers

**SYSTEM DIMENSIONS IN INCHES**  
(shown with optional mounting bracket)



*All specifications are subject to change without notice.  
Export classification for this product is EAR99. In most cases no export license is required.*



**We're Stabilizing Your HD World™**

**SEQUOIA TECHNOLOGIES, INC.**

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[www.sequoia-tech.com](http://www.sequoia-tech.com)

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## SYSTEM SPECIFICATIONS



### CAMERAS

- Panasonic AK-HC1500G 2/3" 3-CCD 1080i/720p HD
- Sony HDC-X300 1/2" 3-CCD 1080i HD
- Others inquire

### LENSES 2/3"

- Fujinon HA13x4.5
- Fujinon HA16x6.3
- Others inquire

### LENSES 1/2"

- Fujinon XS13x3.3
- Others inquire

### STANDARD OPERATOR CONSOLE FOR FALCON REMOTE CAMERA SYSTEMS

### FEATURES

- Rugged aluminum construction
- Ergonomic layout with large comfortable surface area
- Simple and flexible controls for tailoring operator configuration
- Large dynamic range on gain and drift controls
- Accommodates lens features such as QuickZoom and optional lens extenders
- Precise, smooth operation
- Optional serial feedback of lens and head data

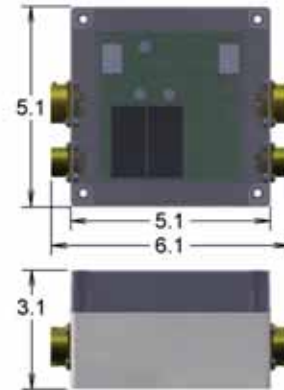
### OPERATOR CONSOLE SPECIFICATIONS

Control	RS-422
Power	6 VDC
Weight	12 lbs
Temperature (Operating)	-10° to 45°C
(Storage)	-20° to 65°C

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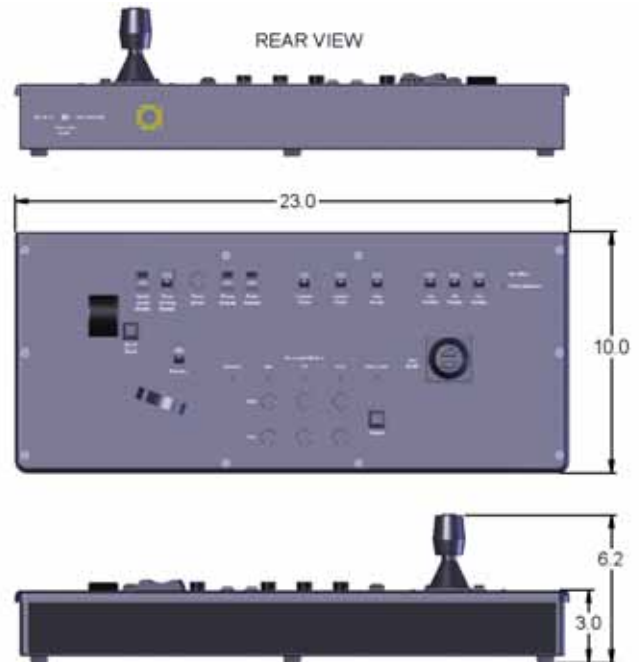
### AUXILIARY ELECTRONICS

UNIT DIMENSIONS (IN)



### STD OPERATOR CONSOLE

UNIT DIMENSIONS (IN)



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