



## Graphica

## VR Crane for Studio and OB Applications

The Graphica Series is the fusion of superb Shotoku VR technology and the engineering know-how of the prestigious crane maker, CamMate. The result is a product with industry-leading VR tracking capabilities in a package that is portable, scalable, and stable.

Graphica calculates positional data output from embedded jitter-free physical rotary encoders designed specifically for VR applications. This means external markers and area limitations often associated with other positional tracking systems are nonexistent. Shotoku encoders seamlessly process data via the SPI interface to provide real-time data output in studio or on location.





Joystick / pistol grip control

Spi-TOUCH calibration system

SYSTEM OVERAL LENGTH CAMERA PAN / TILT RANGE **ARM TILT RANGE\* CONTROL MECHANISM** 

RESOLUTION (HEAD PAN/TILT) 640,000 counts per 360° **LENS CABLE\*\*** 

**2PT CALIBRATION SYSTEM** 

7 Models of Varying Length Pan: 360° Tilt: +75°~ -60° +60° ~ -45°

Joystick and Pistol Grip

CONTROL/POSITION CABLES Standard 12 or 20-pin Interface Cable for Integrated Virtual Encoder Lenses

RESOLUTION (ARM PAN/TILT) 640,000 counts per 360° Zoom/focus data cable for Canon and Fujinon

SPi-TOUCH (Standard)



MODEL SYSTEM OVERALL LENGTH SYSTEM MAX. LENS AXIS HEIGHT 2.1m SYSTEM MAX PAYLOAD\*\*\* **TOTAL WEIGHT ESTIMATED COUNTERWEIGHT** 

Graphica 250 2.5m (8.2ft)

1.5m (4.9ft) 16 kg / 35 lbs 82kg / 180 lbs 30kg / 66lbs 3-Wheel

Graphica 370 3.7m (12.1ft)

2.7m (8.9ft)

3.1m 16 kg / 35 lbs 86kg / 189 lbs 81kg / 178lb<u>s</u> 3-Wheel

Graphica 490 4.9m (16.1ft) 3.9m (12.8ft) 3.9m 16 kg / 35 lbs 95.7kg / 211 lbs

138kg / 305lbs

3-Wheel

Graphica 640 6.4m (21ft) 5.1m (16.7ft) 4.9m 11.5 kg / 25 lbs 102kg / 224 lbs

136kg / 300lbs

3-Wheel

Graphica 770 7.7m (25.3ft) 6.4m (21ft) 6.1m

11.5 kg / 25 lbs 147kg / 324lbs

191kg / 420lbs

3-Wheel

Graphica 960 9.6m (31.5ft) 8.1m (26.6ft) 7.3m 11.5 kg / 25 lbs 174kg / 383 lbs

Graphica 1240 12.4m (40.7ft) 10.0m (32.8ft) 6.8m 11.5 kg / 25 lbs232kg / 510 lbs 270.5kg / 595lbs 232.7kg / 512lbs

4-Wheel

4-Wheel