

# Vector 430i NEW

## Encoded Manual Head

Up to 43 kg (94.8 lbs)



### Technical Specification

#### Part Number (Head only) V4089-0001

Height	200 mm / 7.9"
Length	200 mm / 7.9"
Width	285 mm / 11.2"
Weight	12.1 kg / 26.7 lbs *including wedge adaptor & pan bar
Capacity Range	10 - 43 kg / 22 - 94.8 lbs
Tilt Range	@ 37 kg / 86.1 lbs: ±90° @ 43 kg / 94.8 lbs: ±40°
Pan Resolution	1,480,000 counts per 360°
Tilt Resolution	1,480,000 counts per 360°
Encoder Power Requirements	5 volts dc ± 10%
Platform Adjustment	+5.5 to -12.5 cm / +2.2 to -4.9"
Pan Bar:	Single telescopic
Camera Fixing:	EFP Quickfit Automatic Adaptor [3761-3]
Levelling Bubble	Illuminated
Drag Knobs	Backlit and calibrated
Counterbalance	Fully variable with digital readout
Base fixing	4 bolt flat with Quickfix groove



The new **Vector 430i** features manually operated pan and tilt head functionality from Vinten and high resolution optical encoders to provide precise positional data for virtual and augmented reality applications in outside broadcast and studio environments.

The new counterbalance system at the core of the Vector 430 has been designed with performance and convenience at the forefront. Its physical size is compact and lightweight make it simple to rig, convenient to transport and equally suited to studio and field environments.

The precise counterbalance and large capacity range means that any camera configuration from a lightweight EFP combination right up to a mini box lens setup will balance perfectly, enabling complete control of the framing in any situation.

The encoded pan and tilt head incorporates a new Intelligence Module allowing semi automatic set-up and slide plate tracking. When combined with the Vinten Radamec VRI box this provides precise real-time digital electronic positioning of pan and tilt to allow graphics to be placed perfectly into the live environment. The positional information is also displayed on a graphical user interface for ease of set up and calibration.

These features, combined with the functionality of the innovative Vector 430, make the Vector 430i an ideal choice for EFP camera set-ups where virtual reality is required – now or in the future.

### Key Features and Benefits

- + Precise, real time digital electronic positioning of pan and tilt
- + Small, lightweight and high capacity
- + Robust, durable construction and extensive operational temperature range
- + New ergonomic balance adjuster
- + Illuminated controls for low-light situations
- + TF Drag