

Function	Vision 3 AS	Vision 5 AS	Vision 8 AS	Vision 10 AS	Benefits
Drag type	LF	LF	LF	LF	<i>Low cost, premium performance drag system - whip pan, non-liner speed/output offers complete framing control at any speed</i>
Drag adjustment	Multi-turn	Multi-turn	Multi-turn	Multi-turn	<i>Infinite level options. Low effort required.</i>
Drag level indication (0 to 9)	Mechanical link	Mechanical link	Mechanical link	Mechanical link	<i>Visual indication of drag level.</i>
Drag adjuster type	Enclosed	Enclosed	Enclosed	Enclosed	<i>Drag knobs inside body profile offering protection and minimising the package size</i>
Drag adjuster position (pan)	Left, vertical, back	Left, vertical, back	Left, vertical, back	Left, vertical, back	<i>Convenient for normal operation - left hand is usually free</i>
Drag adjuster position (tilt)	Bottom, horizontal, back	Bottom, horizontal, back	Bottom, horizontal, back	Bottom, horizontal, back	<i>Convenient for normal operation - left hand is usually free</i>
Drag sealing and support	As per Vision 10	As per Vision 10	As per Vision 10	As per Vision 10	<i>Improved residual drag - those customers moving from V5 and 10 to the current range could feel the residual drag inherent in the design. AS has gone back to the two bearing design making it feel just like the V5 and 10.</i>
Brake type	Noiseless floating calliper	Noiseless floating calliper	Noiseless floating calliper	Noiseless floating calliper	<i>Efficient and minimal framing interference when applying and removing.</i>
Brake actuation	¼ turn rotary knob	¼ turn rotary knob	¼ turn rotary knob	¼ turn rotary knob	<i>Efficient and minimal framing interference when applying and removing.</i>
Brake positioning (pan)	LHS below tilt within body profile	LHS below tilt within body profile	LHS below tilt within body profile	LHS below tilt within body profile	<i>Convenient for normal operation - left hand is usually free</i>
Brake positioning (tilt)	LHS above pan within body profile	LHS above pan within body profile	LHS above pan within body profile	LHS above pan within body profile	<i>Convenient for normal operation - left hand is usually free</i>
Brake efficiency (pan & tilt)	Holds ≥ 3.3kg @ 500mm radius throughout range when balanced	Holds ≥ 3.3kg @ 500mm radius throughout range when balanced	Holds ≥ 3.3kg @ 500mm radius throughout range when balanced	Holds ≥ 3.3kg @ 500mm radius throughout range when balanced	<i>Efficient and minimal framing interference when applying and removing.</i>
Brake knob material	High impact composite	High impact composite	High impact composite	High impact composite	<i>Will take the rough and tumble of professional operation</i>
Brake adjustment/replacement	Simplified, field requirement	Simplified, field requirement	Simplified, field requirement	Simplified, field requirement	<i>Simplified to remove the frustration of the previous design</i>
Counterbalance performance	Frictionless, perfect	Frictionless, perfect	Frictionless, perfect	Frictionless, perfect	<i>Infinite perfect balance offers the user the freedom to work the way they choose. Now available at the bottom end V3 where camera systems configurations are changing constantly i.e. accessories.</i>
Counterbalance adjustment	RH Side, multi turn	RH Side, multi turn	RH Side, multi turn	RH Side, multi turn	<i>Purposely positioned on the RHS as this improves access whilst multi turn reduces effort.</i>
Counterbalance adjustment ease	Easy grip knob	Easy grip knob	Easy grip knob	Easy grip knob	<i>Rubberised knob improves purchase, especially in adverse conditions.</i>
Counterbalance capacity @ 125mm CofG max kg (lb)	5.0 (11.0)	10.5 (23.1)	12.5 (27.6)	14.5 (32.0)	<i>V3 offers infinite adjustment. The remaining perform the same as their predecessors.</i>
Counterbalance capacity @ 125mm CofG min kg (lb)	2.0 (4.4)	4.5 (9.9)	5.5 (12.1)	6.5 (14.3)	<i>V3 offers infinite adjustment. The remaining perform the same as their predecessors.</i>
Counterbalance spring access	External cover. Factory Sealed	External cover. Factory Sealed	External cover. Factory Sealed	External cover. Factory Sealed	<i>Simplifies servicing. Not a customer feature.</i>
Mounting interface	75mm ball base, non-slip finish	75mm ball base, non-slip finish	100mm ball base, non-slip finish	100mm ball base, non-slip finish	<i>Improved stability, especially with high loads.</i>

Camera slide plate	Black, painted all over. Captive slot (as Manfrotto) with rubberised strips (as Sachtler)	Black, painted all over. Captive slot (as Manfrotto) with rubberised strips (as Sachtler)	Black, painted all over. Captive slot (as Manfrotto) with rubberised strips (as Sachtler)	Black, painted all over. Captive slot (as Manfrotto) with rubberised strips (as Sachtler)	<i>One slot allows for improved fore/aft adjustment, especially important for the lower end HDV type camcorders</i>
Camera attachment to slide plate (supplied fixings)	Captive ¼" & pin & 2 x 3/8" screws	Captive ¼" & pin & 2 x 3/8" screws	Captive ¼" & pin & 2 x 3/8" screws	Captive ¼" & pin & 2 x 3/8" screws	<i>Convenient</i>
Camera attachment to head (when on slide plate)	Side load	Side load	Side load	Side load	<i>Improved camera attachment and removal, especially with heavy cameras and/or low light where the "Vee" slot can not be found easily.</i>
On head stowage for unused 1 x ¼" & pin and 2 x 3/8" camera screws	Y	Y	Y	Y	<i>Convenient</i>
Camera slide plate adjustment (± mm from central position)	As Vision 6	As Vision 6	As Vision 8	As Vision 8	<i>Convenient</i>
Illuminated level bubble	Blue LED	Blue LED	Blue LED	Blue LED	<i>Looks cool, but offers improved contrast making levelling easier</i>
Battery Life (hrs - VARTA CR2032)	≥ 25,000	≥ 25,000	≥ 25,000	≥ 25,000	<i>Convenient</i>
Illumination duration (s)	20,40	20,40	20,40	20,40	<i>Dual timing for difficult locations</i>
Illuminated level bubble position	LHS, operator side	LHS, operator side	LHS, operator side	LHS, operator side	<i>Improved size and positioning conveniently within the operators field of view</i>
Accessory interface (LHS body located)	Y	Y	N	N	<i>Convenient for accessory attachment without overloading the balance system</i>
Tilt range	± 90°	± 90°	± 90°	± 90°	<i>Convenient</i>
Height, depth, width cm (inch)	15.1 (5.9), 13.8 (5.4), 13.8 (5.4)	15.1 (5.9), 13.8 (5.4), 13.8 (5.4)	16.0 (6.3), 15.1 (5.9), 13.8 (5.4)	16.0 (6.3), 15.1 (5.9), 13.8 (5.4)	Actual
Weight kg (lb)	2.8 (6.2)	2.8 (6.2)	3.1 (6.8)	3.2 (7.0)	These are actual weights incl pan bar and bowl clamp knob
Water resistance	Heavy salt spray and high humidity. Will not corrode functional components. Easily cleaned and drained off.	Heavy salt spray and high humidity. Will not corrode functional components. Easily cleaned and drained off.	Heavy salt spray and high humidity. Will not corrode functional components. Easily cleaned and drained off.	Heavy salt spray and high humidity. Will not corrode functional components. Easily cleaned and drained off.	<i>TBC</i>
Dust/sand resistance	Will not enter the moving components when exposed to wind carried dust/sand. Easily cleaned.	Will not enter the moving components when exposed to wind carried dust/sand. Easily cleaned.	Will not enter the moving components when exposed to wind carried dust/sand. Easily cleaned.	Will not enter the moving components when exposed to wind carried dust/sand. Easily cleaned.	<i>TBC</i>
Pan bar	Universal, Fixed length	Universal, Fixed length	Universal, Fixed length	Universal, Telescopic	<i>No change</i>
Pan bar clamp	Universal size, Magnesium (sacrificial)	Universal size, Magnesium (sacrificial)	Universal size, Magnesium (sacrificial)	Universal size, Magnesium (sacrificial)	<i>No change</i>
Colour	Black	Black	Black	Black	<i>reduced reflectivity and easier to "blend in"</i>