

Vantage Compatibility Chart

	Remote camera control (2)	Direct select of supported features	Colour/shading settings	Remote menu access (6)	Remote lens Zoom & Focus	Off air lens position recall (5)	On air lens position recall (5)	Suitable for use with VR
Cameras								
Canon C100	✓	✓	✓					
Canon C300	✓	✓	✓					
Canon C500	✓	✓	✓					
Canon ME20F-SH	✓	✓	✓					
Canon ME200S-SH	✓	✓	✓					
Sony Broadcast System (1)	✓	✓	✗					
Sony Broadcast Box (1)	✓	✓	✗					
Sony LANC Capable (3)	✗	✗	✓					
Lens								
Vinten Vantage Servo Lens Drive (4)					✓	✓	✓	✓
Canon ENG Digital Servo					✓	✓	✓	✓
Fujinon ENG Digital Servo					✓	✓	✓	✓
Canon Cine EOS CN-E18-80mm					✓	✗	✗	✗
Canon CN20x50 IAS					✓	✓	✓	✓
Canon CN7x17 KAS					✓	✓	✓	✓
Camcorders/integrated								
AJA RovoCam	✓	✓	✗		✓	✓	✗	✗
Canon XF200	✓	✓	✓		✓	✗	✗	✗
Canon XF205	✓	✓	✓		✓	✗	✗	✗
Canon XF300	✓	✓	✓		✓	✗	✗	✗
Canon XF305	✓	✓	✓		✓	✗	✗	✗
Sony LANC Capable (3)	✗	✗	✓		✓	✗	✗	✗

1. Requires Sony CNA-1. Contact Sony for list of supported cameras.

2. Available functions depend on the camera features

3. Sony LANC support varies between cameras. Sony, Canon and JVC have models that support generic LANC. Some Sony models have different connectors, which require adapter cables (not available from Vinten). In general, if the camera supports 3rd part LANC hand controllers (e.g. Manfrotto) then the Vantage can control the camera.

4. Vinten Vantage Servo Lens Drive available Q3 2017

5. On-air shot replay generally needs pan, tilt, zoom and focus recall to all be synchronised. Lenses that do not provide positional information do not allow this, and are generally unsuitable for on-air shot replay

6. Provides access to the camera's OSD/menu and allows navigation/selection of options.

Vantage Supported Camera Functions

Camera / Protocol	Head	Features which are supported	
Canon RC-V100 Protocol	Vantage	Auto Focus	ISO/Gain
		Color Bars	Knee Point
		Auto Iris	White Balance B
		Auto Knee	Master Black B
		On Screen Overlay	Black Gamma
		Shutter Select	Shutter Speed
		WB Mode	Knee Point
		Menu	White Balance B
		AGC	Master Black R
		Custom Picture	Sharpness
		Record Review	Master Pedestal
		Record/Stop	Nd Filter
		Iris	
Canon PTZ (BU45, BU46, BU47, BU51, XU81)	Canon BU	Power with Home	Aux1/2/3/4
		Home	Red Gain
		Wiper	Blue Gain
		Washer	Master Pedestal (Master Black)
		Bars	Iris
		Auto White Balance	Camera Gain
		Auto Focus	Genlock Phase
		Image Stabilizer	ND Off, ND 1/6, ND 1/32
		Auto Shooting Mode	1/60 or 1/50, 1/100
Hitachi (broadcast system cameras)	Fusion, Vantage, Hexagon	Color Bars	Blue Gain
		Iris Closed	Blue Ped
		AWB	Green Ped
		ABB	M Ped (Master Black)
		Red Gain	Iris
		Red Ped	
Ikegami (available Sept 2017)	Fusion, Vantage, Hexagon	Camera Color Bars	Red Ped
		Iris Closed	Blue Gain
		AWB	Blue Ped
		ABB	M Ped (Master Black)
		Red Gain	Iris

Vantage Supported Camera Functions

Camera / Protocol	Head	Features which are supported	
Panasonic PTZ (AW-HE40, AW-HE70, AW-HE130)	Panasonic PTZ	Auto Iris	Auto Black Balance
		AWC Mode	Color Bars
		Menu	Red Gain
		Scene File	Green Gain
		Shutter Select	Blue Gain
		Synchro Start	Green Pedestal
		ISO/Gain	Master Pedestal (Master Black)
		Auto White Balance	Iris
Sony Lanc	Vantage	Auto Focus	Zoom
		Auto Iris	Focus
		Menu	Iris
Sony CNA-1 (control of Sony broadcast system cameras)	Vantage, Hexagon, ICE Heads	Iris Mode	Green Gain
		Nd Filter	Blue Gain
		Cc Filter	Red Pedestal
		Black Stretch	Green Pedestal
		Auto White Balance	Blue Pedestal
		Bars	Master Black
		Red Gain	Iris Level
Sony PTZ (BRC-H900, BRC-H700, BRC-H330)	Sony BRC	Auto Focus	Menu (Menu off)
		Auto White Balance	Blue Gain
		AWC Mode	Red Gain
		Color Bars	Iris
		Exposure Mode	
Sony 700	Fusion, Vantage, Hexagon, ICE heads (requires CCU INT Interface box)	Cameras Color Bars	Blue Gain
		Iris Closed	Blue Ped
		AWB	Green Gain (not in EX3)
		ABB	Green Ped (not in EX3)
		Red Gain	M Ped (Master Black)
		Red Ped	Iris

Vantage Supported Cameras and Functions using Sony LANC

All cameras listed below can be controlled over Sony LANC with basic functionality over auto focus, auto iris, menu, zoom, focus and iris unless stated otherwise

Manufacturer	Model	Features not supported
Canon	EOS C100	No Zoom, auto focus or auto iris. Use Canon RC-V100 protocol in preference
Canon	EOS C300	No Zoom, auto focus or auto iris. Use Canon RC-V100 protocol in preference
Canon	EOS C500	No Zoom, auto focus or auto iris. Use Canon RC-V100 protocol in preference
Canon	XF305	Use Canon RC-V100 protocol
Canon	XF300	Use Canon RC-V100 protocol
Canon	XF205	Use Canon RC-V100 protocol
Canon	XF200	Use Canon RC-V100 protocol
Canon	XF105	
Canon	XF100	
Canon	XA10	No rec review, iris or auto iris
Canon	XA20	No rec review, iris or auto iris
Canon	XA25	No rec review, iris or auto iris
Canon	XL H1S	
Canon	XL H1A	
Canon	XH A1/A1S	
Canon	XH G1/G1S	
Canon	XL H1	
Canon	XM1 / XM2	
Canon	GL1 / GL2	
Canon	HF-G25	
Canon	HF-G30	
JVC	GY-HM600	No standby
JVC	GY-HM650	No standby
JVC	GY-HM850	No standby
Sony	PXW-X160	
Sony	PXW-FS7	
Sony	HXR-MC2500	
Sony	HXR-MC50	
Sony	HXR-NX30	
Sony	HXR-NX3D1	
Sony	HXR-NX3	
Sony	HXR-NX5	No iris

Manufacturer	Model	Features not Supported
Sony	HXR-NX70	No iris
Sony	NEX-EA50	No Zoom or autofocus with Sony SEL lenses
Sony	NEX-FS100	No Zoom or autofocus with Sony SEL lenses
Sony	NEX-FS700	No Zoom or autofocus with Sony SEL lenses
Sony	NEX-VG20	
Sony	NEX-VG30	
Sony	NEX-VG900	
Sony	HVR-A1	
Sony	HVR-HD1000	
Sony	HVR-S270	
Sony	HVR-V1	
Sony	HVR-Z5	
Sony	HVR-Z7	
Sony	HVR-Z1	
Sony	HDR-AX2000	
Sony	HDR-FX1	
Sony	HDR-FX7	
Sony	HDR-FX1000	
Sony	DSR-PD175P	
Sony	DCR-DVDxxx	
Sony	DCR-SRxx	
Sony	DCR-SXxx (except DCR-SX22E)	
Sony	DCR-CXxx	
Sony	DCR-VX2000	
Sony	HDR-SRxx	
Sony	HDR-TGxx	
Sony	HDR-TD30V	
Sony	HDR-XRxx	
Sony	HDR-UX10	

Vantage support a wide range of Sony LANC functions, with each camera varying in its range of supported features.

Vantage LANC is provided by a standard LANC 2.5mm jack. For cameras not listed, where there is built in support for a hand LANC controller with 2.5mm jack, these may work and supported features will vary. Information correct as of July 2017.