

Image										
<b>Product Name</b>	Vaddio ClearVIEW HD-20	Vaddio ClearVIEW HD-19	Vaddio ClearVIEW HD-18	Canon BU-46H	Canon BU-51H	Panasonic AW-HE100	Sony BRC-H700	Sony BRC-Z700	Sony EVI-HD1	Sony BRC-Z330
<b>Mfr. Model #</b>	HD-20	HD-19	HD-18	BU-46H	BU-51H	AW-HE100 / AW-HE100E	BRCH700	BRCZ700	EVIHD1	BRCZ330
<b>Frame Delay</b>	< 1 Frame	1 Frame	1 Frame	NA	NA	NA	3 Frames (ext. sync)	3 Frames (ext. sync)	2 Frames	3 Frames (ext. sync)
<b>Invertible</b>	Yes	Yes	Yes	No	No	Yes	Yes	Yes	No	Yes
<b>Output Resolutions</b>	HD: (YPbPr) and HDMI 1080i/60/59.94/50 fields/s, 720p/60/59.94/50 f/s, 1080p/30/25 f/s	HD: 1080p 60/59.94/50/30/25 f/s 1080i 59.94/50 fields/s, 720p/59.94/50 f/s SD: Composite NTSC or PAL • Simultaneous HD/SD or • Simultaneous Component HD and DVI-D or HDMI	HD: 1080p 60/59.94/50/30/25 f/s 1080i 59.94/50 fields/s, 720p/59.94/50 f/s SD: Composite NTSC or PAL • Simultaneous HD/SD or • Simultaneous Component HD and DVI-D or HDMI	HD-SDI/SDI, HD, SD Composite (NTSC/PAL)	HD-SDI/SDI, HD, SD Composite (NTSC/PAL)	HD: 1080i or 720p NTSC, PAL SD: Simultaneous HD/SD	HD 1080/59.94i, 1080/50i (switchable)	HD: 1080/59.94i, 1080/50i. SD: NTSC, PAL Simultaneous HD/SD	HD: 1080/59.94i, 1080/50i, 1080/29.97p, 1080/25p, 720/59.94p, 720/50p, 720/29.97p, 720/25p SD: NTSC, PAL (switchable)	HD: 1080/59.94i, 720/59.94p SD: NTSC or 1080/50i, 720/50P/PAL (switchable)
<b>Optical Zoom</b>	20x Optical Zoom	19x Optical Zoom	18x Optical Zoom	20x Optical Zoom	20x Optical Zoom	13x Optical Zoom	12x Optical Zoom	20x Optical Zoom	10x Optical Zoom	18x Optical Zoom
<b>Image Device</b>	One (1) EXMOR CMOS	One (1) EXMOR CMOS	One (1) Exview CCD	3-CCD	3-CCD	3-CCD	3-CCD	3-CMOS	1-CMOS	1-CMOS
<b>Picture Elements (per CCD)</b>	3.27 Megapixels	1.3 Megapixels	1.3 Megapixels	1.67 Megapixels	1.67 Megapixels	1.1 Effective Megapixels	1.07 Megapixels	1.12 Megapixels	2 Megapixels	2.07 Megapixels
<b>Pan/Tilt Range</b>	Pan: ±170°, Tilt: -30 to +90°	Pan: ±170°, Tilt: -30 to +90°	Pan: ±170°, Tilt: -30 to +90°	Pan: 340°, Tilt: -30 to +30°	Pan: 300°, Tilt: ±40°	Pan: ±175°, Tilt: -40 to +210°	Pan: -170 to +170°, Tilt: -30 to +90°	Pan: -170 to +170°, 30 to +90°	Tilt: - Pan: -100 to +100° 25 to +25°	Tilt: - Pan: ±175° Tilt: -30 to +90°
<b>Minimum Illumination</b>	1.6 lux (F1.6, 50IRE)	0.7 lux (F1.6, 50IRE)	1.8 lux (F1.6, 50IRE)	NA	NA	NA	6 lux (50 IRE, F1.6 +18 dB)	6 lux (F1.6, 50IRE, +24dB)	15 lux (F1.8 15 IRE)	6 lux (50 IRE, F1.6, 24dB)
<b>Video SN Ratio</b>	>50dB	>52dB	>50dB	NA	NA	NA	50dB	50dB	50dB	50dB
<b>Gain</b>	0dB - 36dB linear in 1dB increments when used with CCU	0dB - 36dB linear in 1dB increments IR Remote or CCU	0dB - 36dB linear in 1dB increments when used with CCU	0dB, 6dB, 12dB, 8dB, 36dB, Auto	0dB, 6dB, 12dB, 18dB, 36dB, Auto	0dB to 12 dB in steps, 15dB, 18dB, AGC	Auto/Manual (0 to 18 dB and Hyper Gain)	Auto/Manual (0 to 24 dB and Hyper Gain)	Auto/Manual (-3 to +18 dB)	Auto/Manual (-3 to 24 dB and Hyper Gain)
<b>White Balance</b>	Auto/Manual	Auto/Manual	Auto/Manual	Auto, Set	Auto, Set	AWCA, AWC B, ATW, 3200 K, 5600 K	Auto, Indoor, Outdoor, One-push WB, Manual	Auto1, Auto2, Indoor, Outdoor, One-push WB, Manual	Auto, Indoor, Outdoor, One-push Auto/Manual	Auto1, Auto2, Indoor, Outdoor, One-push WB, Manual
<b>Vaddio WallVIEW</b>	• WallVIEW SR Version - YPbPr out • WallVIEW DVI/HDMI SR Version - YPbPr, DVI-D, and HDMI outs with cable adapter Supports HDMI and sRGB Color Spaces Video, power and control over Cat. 5e up to 100 feet	• WallVIEW SR Version - YPbPr out • WallVIEW DVI/HDMI SR Version - YPbPr, DVI-D, and HDMI outs with cable adapter Video, power and control over Cat. 5e up to 100 feet	• WallVIEW SR Version - YPbPr out • WallVIEW DVI/HDMI SR Version - YPbPr, DVI-D, and HDMI outs with cable adapter Video, power and control over Cat. 5e up to 100 feet	NA	NA	WallVIEW PRO Series Video, power and control over Cat. 5e cables up to 500 feet	WallVIEW PRO Series Video, power and control over Cat. 5e cables up to 500 feet	WallVIEW PRO Series Video, power and control over Cat. 5e cables up to 500 feet	WallVIEW PRO Series Video, power and control over Cat. 5e cables up to 500 feet	WallVIEW PRO Series Video, power and control over Cat. 5e cables up to 500 feet
<b>Vaddio WallVIEW CCU</b>	EZIM CCU Slot Card Included • 3-Preset Scenes • Red and Blue Gain, AWB • Detail • Chroma • Gamma • Pedestal • Knee • Iris Auto/Manual • Gain Auto/Manual	EZIM CCU Slot Card Included • 3-Preset Scenes • Red & Blue Gain, AWB • Detail • Gamma • Chroma • Brightness • Digital Image Stabilization • Shutter • Noise Reduction • Iris Auto/Manual • Gain Auto/Manual • SmartSHOT	EZIM CCU Slot Card Included • 3-Preset Scenes • Red and Blue Gain, AWB • Detail • Chroma • Gamma • Pedestal • Knee • Iris Auto/Manual • Gain Auto/Manual	CCU Image Controller Option • 2-Preset Scenes • Red & Blue Gain • Gamma • Black Gain • Knee • Hue • Pedestal • Image Stabilization • Shutter • Iris Auto/Manual • Gain Auto/Manual	CCU Image Controller Option • 2-Preset Scenes • Red & Blue Gain • Gamma • Black Gain • Knee • Hue • Pedestal • Image Stabilization • Shutter • Iris Auto/Manual • Gain Auto/Manual	EZIM CCU Included • Red and Blue Gain • Detail • Gamma • Pedestal • Iris and Gain	EZIM CCU Included • Red and Blue Gain • Detail • Color and Hue Gain • WB Shift • Iris and Gain	EZIM CCU Included • Red and Blue Gain • Detail • Red, Green, Blue Enhance • Iris and Gain	EZIM CCU Included • Red and Blue Gain • Aperture • Iris and Gain	EZIM CCU Included • Red and Blue Gain • Detail • Red, Green, Blue Enhance
<b>Optional Cards</b>	• HD-SDI Slot Card • Quick-Connect DVI/HDMI SR Interface Option Available • WallVIEW CCU HD-SDI Option Avail.	• HD-SDI Slot Card • Quick-Connect DVI/HDMI SR Interface Option Available • WallVIEW CCU HD-SDI Option Avail.	• HD-SDI Slot Card • Quick-Connect DVI/HDMI SR Interface Option Available • WallVIEW CCU HD-SDI Option Avail.	None	None	• HHD100 SDI/HD-SDI Card	• BRBKH700 HD Optical Card • HFBKH1 HD-SDI Card • HFBKSD1 SDI Card • HFBKTS1 HDV Card • HFBKKG1 XGA Card • BRU-H700 Optical Multiplex Unit	• BRBKMF1 HD Optical Card • BRBKHS1 HD/SD-SDI Card • BRU-H700 Optical Multiplex Unit • Optical Fiber Cable	None	• BRBKHD2 HD-SDI output card

<b>Image</b>				
<b>Product Name</b>	Sony BRC-300	Sony EVI-D70	Sony EVI-D100	Canon VC-C50i/VC50iR
<b>Mfr. Model #</b>	BRC300 / BRC300P	EVID70 / EVID70P	EVID100 / EVID100P	VC-C50i/VC-C50iR (inverted)
<b>MSRP</b>	\$4,899.00	\$1,295.00	\$1,195.00	\$1,295.00
<b>Frame Delay</b>	3 Frames (ext. sync)	1 Frame (inverted)	0 Frames	0 Frames
<b>SD Outputs</b>	NTSC/PAL	NTSC/PAL	NTSC/PAL	NTSC/PAL
<b>Optical Zoom</b>	12x Optical Zoom	18x Optical Zoom	10x Optical Zoom	26x Optical Zoom
<b>Image Device</b>	3CCD	CCD	CCD	CCD
<b>Picture Elements (per CCD)</b>	1.07 Megapixels	NTSC: 768 (H) x 494 (V), PAL: 752 (H) x 582 (V)	NTSC: 768 (H) x 494 (V), PAL: 752 (H) x 582 (V)	NTSC: 630K total PAL: 740K total
<b>Pan/Tilt Angle</b>	Pan: +/-170°, Tilt: +90°/-30° Invertible	Pan: +/- 170°, Tilt: -30° to + 90° Invertible	Pan: +/- 100°, Tilt: +/- 25°	VC-C50i Pan: +/- 100° Tilt: +/- 30°  VC-C50iR Pan: +/- 170° Tilt: +10 to -90° Invertible
<b>Minimum Illumination</b>	7 lux at F1.6	1 lux, F1.4	3.5 lux (F1.8)	1 lux (visible light mode, at 1.30 electric shutter speed)
<b>Video SN Ratio</b>	More than 50dB	More than 50dB	More than 50 dB	NA
<b>Gain</b>	Auto/Manual (-3 to 18 dB, 3 dB steps) switchable	Auto/Manual (-3 ~ 28dB, 2 dB step)	Auto/Manual (-3 to 18 dB, 3 dB steps) switchable	NA
<b>White Balance</b>	Auto, Indoor, Outdoor, One-push WB, Manual	Auto, ATW, Indoor, Outdoor, One-push WB, Manual WB	Auto, ATW, Manual, One-push, 3200K, 5800K	Auto/Manual/One-push
<b>VaddioWallVIEW PRO</b>	Video, power, IR and control over Cat. 5 cables up to 500 feet	EZCamera Cable System for video, power and control over Cat. 5 cable	EZCamera Cable System for video, power and control over Cat. 5 cable	EZCamera Cable System for video, power and control over Cat. 5 cable
<b>Vaddio WallVIEW CCU</b>	Red and Blue Gain AWB, Aperture Iris and Gain	Red and Blue Gain AWB, Aperture Iris and Gain	Red and Blue Gain AWB, Aperture Iris and Gain	NA
<b>Optional Cards</b>	BRBK301 Analog RGB/Component Card BRBK302 SDI Card BRBK303 Optical Multiplex Card BRBK304 i.LINK card	NA	NA	NA