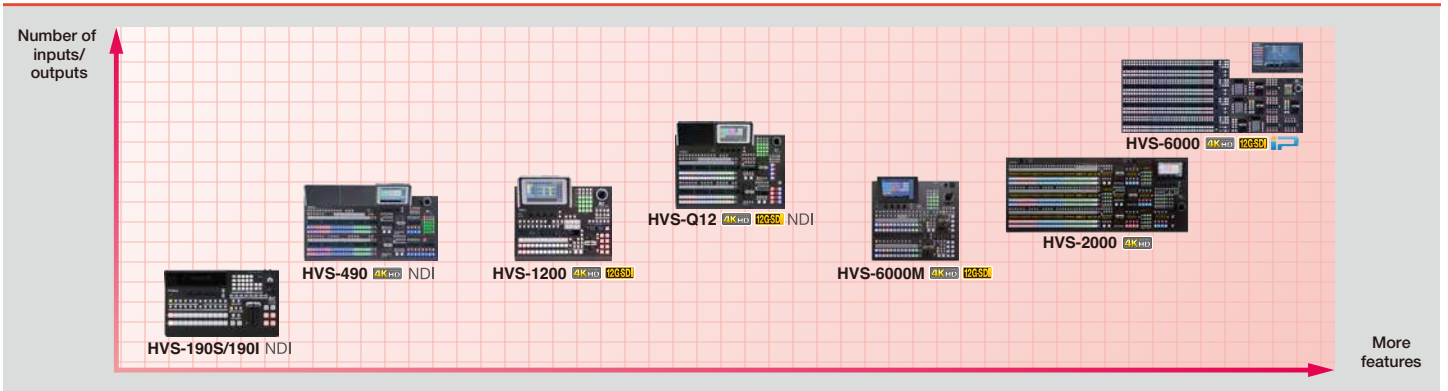


# HVS series Lineup



HVS-series will be supported by AVECO's automation system progressively. For the support status of each model, contact your FOR-A dealer.

		HVS-190S	HVS-190I	HVS-490	HVS-1200	HVS-Q12	HVS-2000	HVS-6000M	HVS-6000
Number of M/E		1M/E	1M/E	2M/E	4K: 1M/E HD: 2M/E	4K: (1M/E to 2M/E) HD: 1M/E to 2M/E	2M/E (3M/E)	2M/E	2M/E (4M/E)
Number of MELite		-	-	4K: 0 (1) HD: 2 (4)	4K:1 HD:4	4K: 1(2) HD: 2 (4)	4K: 1 HD: 6	-	-
Video inputs	Number of inputs (max.)	8 (20)	8 (16)	4K: 0 (10) HD: 16 (40)	4K: 0 (10) HD: 40	4K: 0(42) HD: 12(60)	4K: 0 (12) HD: 24 (48)	24 (32)	24 (80)
	12G-SDI	-	-	-	✓	Optional	-	✓	✓
	6G-SDI	-	-	-	✓	Optional	-	✓	✓
	3G-SDI	✓	✓	✓	✓	✓	Optional	✓	✓
	4K UHD support	-	-	Optional	✓	Optional	Optional	✓	✓
	HD-SDI	✓	✓	✓	✓	✓	✓	✓	✓
	SD-SDI	Optional <sup>1</sup>	Optional <sup>1</sup>	Optional	-	-	✓	-	-
	Analog	-	-	Optional <sup>2</sup>	-	-	Optional <sup>2</sup>	-	-
	HDMI	-	-	Optional <sup>3</sup>	-	-	Optional <sup>3</sup>	-	-
VGA	-	-	Optional <sup>4</sup>	-	-	Optional <sup>4</sup>	-	-	
NDI	Optional	Optional	Optional	-	Optional	-	-	-	
Video outputs	Number of outputs (max.)	4 + 1 HDMI (10 + 1 HDMI)	4 + 1 HDMI (8 + 1 HDMI)	4K: 0 (5 + 2 HDMI) <sup>5</sup> HD: 8 + 1 HDMI (20 + 2 HDMI) <sup>5</sup>	8 + 2 HDMI	4K: 0(21 + 2HDMI) HD: 6(30) + 2HDMI	4K: 0 (5 + 2 HDMI) HD: 16 + 2 HDMI (20 + 2 HDMI) <sup>5</sup>	24	24 (48)
	12G-SDI	-	-	-	✓	Optional	-	✓	✓
	6G-SDI	-	-	-	✓	Optional	-	✓	✓
	3G-SDI	✓	✓	✓	✓	✓	Optional	✓	✓
	4K UHD support	-	-	Optional	✓ (2SI only)	Optional	Optional	✓	✓
	HD-SDI	✓	✓	✓	✓	✓	✓	✓	✓
	SD-SDI	Optional	Optional	Optional	-	-	✓	-	-
	Analog	-	-	Optional <sup>2</sup>	-	-	Optional <sup>2</sup>	-	-
	HDMI	✓	✓	(Expandable <sup>6</sup> )	✓	✓	(Expandable <sup>6</sup> )	-	-
VGA	-	-	Optional <sup>4</sup>	-	-	Optional <sup>4</sup>	-	-	
NDI	Optional	Optional	Optional	-	Optional	-	-	-	
Reference input	Black burst or Tri-level Sync	✓	✓	✓	✓	✓	✓	✓	✓
Reference output	Black burst or Tri-level Sync	✓	✓	✓	✓	✓	✓	-	-
Features	Frame synchronizer	✓	✓	✓	✓	✓	✓	✓	✓
	Resizing (max.)	0 (6)	0 (4)	4 (12)	-	Input: 0 (24) Output: 0 (12)	0 (24)	0 (48)	0 (96)
	Process amplifier	✓	✓	✓	✓	✓	✓	-	-
	Color corrector	-	-	✓	✓	✓	✓	-	-
	Keyer	2	2	4K: 2 HD: 4 per M/E	4K: 2 HD: 4 per M/E	(4K: 4 per M/E) HD: 4 (8) per M/E	8 for 2M/E model 12 for 3M/E model	8	8 (16)
	FLEXaKEY(DSK)	4	4	4K: 1 HD: 4	4K: 1 HD: 4	4K: 4 (optional) HD: 8 (optional)	4 for 2M/E model 8 for 3M/E model <sup>7</sup>	-	4 <sup>8</sup>
	Keyer, exclusive DVE for DSK	✓	✓	✓	✓	✓	✓	✓	✓
	Flying key (max.) <sup>9</sup>	3G: 2 HD: 4	3G: 2 HD: 4	4K: 3 3G: 8 HD: 12	4K: 3 3G: 8 HD: 12	4K: 0 (4) per M/E 3G: 4 (12) per M/E HD: 4 (12) per M/E	(4K: 1) 3G: 6 (10) HD: 12 (20)	8	8 (16)
	Transition DVE (max.)	3G: 2 HD: 2	3G: 2 HD: 2	4K: 2 (4) 3G: 8(12) HD: 12	4K: 2 (4) 3G: 8 (12) HD: 12	4K: 0 (2) per M/E 3G: 4 (8) per M/E HD: 6 (10) per M/E	(4K: 1) 3G: 4 for 2M/E model, 6 for 3M/E model HD: 8 for 2M/E model, 12 for 3M/E model	10	10 (20)
	Still store (max.) <sup>10</sup>	2 (20)	2 (16)	4K: 1 (11) HD: 4 (44)	4K: 1 (11) HD: 4 (44)	4K: 3(45) HD: 6(66)	4K: 1(13) HD: 4 (52), (6 (54)) <sup>11</sup>	4K : 2 HD : 4	4K : 4 HD : 8
	Clip store (max.)	HD: 2	HD: 2	(4K: 1) HD: 4	4K: 1 HD: 4	(4K: 3) HD: 4	(4K: 1) HD: 4 (6) <sup>11</sup>	4K : 2 HD : 4	4K : 4 HD : 8
	Multi viewer (max.)	1 (2)	1 (2)	3	2	2 (4) <sup>12</sup>	2 (4)	-	0 (4)
	AUX assignable keyer	✓	✓	✓	✓	-	✓	-	-
	AUX transition	✓	✓	✓	✓	-	✓	-	-
	Event memory	✓	✓	✓	✓	✓	✓	✓	✓
	Sequence	✓	✓	✓	✓	✓	✓	✓	✓
	Macro	✓	✓	✓	✓	✓	✓	✓	✓
GUI control	✓	✓	✓	✓	✓	✓	✓	✓	
Safety area marker	✓	✓	✓	✓	✓	✓	✓	✓	
Built-in color bar	✓	✓	✓	✓	✓	✓	✓	✓	
Built-in matte	✓	✓	✓	✓	✓	✓	✓	✓	
Chroma keyer	✓	✓	✓	✓	✓	✓	✓	✓	
Interfaces	Ethernet	✓	✓	✓	✓	✓	✓	✓	✓
	GPI	✓	✓	✓	✓	✓	✓	✓	✓
	SERIAL	2	2	2	2	0 (4)	6	6	6
Other features	Redundant power supply	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional

\*1 Limited availability with some HVS-100DI-A/DO card interfaces. \*2 HVS-100AI (for input/end of sale) or HVS-100AO (for output/end of sale) is required. \*3 HVS-100PCI (end of sale) is required.

\*4 HVS-100PCI (for input/end of sale) or HVS-100PCO (for output/end of sale) is required. \*5 Expandable 4 outputs with down converter. \*6 HVS-100PCO (end of sale) is required to expand. \*7 4 channels are exclusively provided for M/E 3.

\*8 Up to 3M/E when DSK installed. \*9 Expandable by installing optional cards. \*10 When using Input Still. \*11 Expandable 2 outputs by installing an option. \*12 The HD output resolution is HD, even in 4K mode.