

Production Switchers

Feature Comparison

V I S I O N

CARBONITE **Ultra**60

A · C · U · I · T · Y

Ultrix A · C · U · I · T · Y

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ROSS

PHYSICAL							
ROSS	VISION		CARBONITE Ultra ⁶⁰	A·C·U·I·T·Y		Ultrix A·C·U·I·T·Y	
	3RU FRAME*	8RU FRAME*	CARBONITE ULTRA 60	ACU4	ACU8	FR5	FR12
Rack Frame Height (RU)	3	8	3	2	5	5	12
Rack Frame Width	19.00" (483 mm)	19.00" (483 mm)	17.50" (444.5 mm)	17.50" (444.5 mm)	17.50" (444.5 mm)	17.50" (444.5 mm)	17.50" (444.5 mm)
Rack Frame Depth	26" (660 mm)	26" (660 mm)	17.50" (444.5 mm)	7.90" (200.66 mm)	7.90" (200.66 mm)	7.90" (200.66 mm)	7.90" (200.66 mm)
Rack Frame Weight	58.00 lbs (26.31 kg)	92.00 lbs. (41.7 kg)	20.00 lbs. (9.07 kg.)	59.00 lbs. (26.8 kg.)	92.00 lbs. (41.7 kg.)	Frame: 14.00 lbs. (6.35 kg.) Blade (approx.) 3 lbs. (1.36 kg.) Ultrapower: 10.6 lbs. (4.83 kg.)	Frame: 76.00 lbs. (34.47 kg.) Blade (approx.) 3 lbs. (1.36 kg.) Ultrapower: 10.6 lbs. (4.83 kg.)
Maximum SDPE Blades per Chassis	N/A	N/A	N/A	N/A	N/A	4	8
Power Consumption	150W (Maximum - Base Frame)	225W (Maximum - Base Frame)	800W 12VDC (maximum)	1022W 8.52A 120VAC	1412W 11.76A 120VAC	See Note	
Input Power	100 - 120 V, 220 - 240V, 47 - 63 Hz. 9.0A 650W		100 - 120 V, 220 - 240V, 47 - 63 Hz. 1.6 A	100 - 120 V, 220 - 240V, 47 - 63 Hz. 9.0A 650W		See Note	
	*Includes MD, QMD, Octane 3	*Includes MD-X, QMD-X, Octane 8, Tritium					
NOTE: Power requirements and consumption dependent on I/O and SDPE blade complement.							
LEGEND:	= Supported = Unsupported						
Specifications subject to change without notice							

PORTS							
ROSS	VISION		CARBONITE Ultra ⁶⁰	A·C·U·I·T·Y		Ultrix A·C·U·I·T·Y	
	3RU FRAME*	8RU FRAME*	CARBONITE ULTRA 60	ACU4	ACU8	FR5	FR12
Ethernet Port (Frame)	2	2	1	2	2	Blades & Chassis	Blades & Chassis
Tally	Tally Ports available on Panels only	Tally Ports available on Panels only	24	36 (maximum)	72 (maximum)	24 per SDPE blade (Up to 96)	24 per SDPE blade (Up to 96)
GPI/O	10 in / 10 out	10 in / 10 out	24	44 (maximum) 10 in / 10 out + 13 configurable	44 (maximum) 10 in / 10 out + 13 configurable	24 per SDPE blade (Up to 96) (I/O Configurable)	24 per SDPE blade (Up to 96) (I/O Configurable)
Serial Ports (Panel)	8	8		8	8	8	8
Serial Ports (Frame)	4	4		4	4	1	1
LTC Input	1	1	1	1	1	1	1
AES Input							
AES Output						2 per SDPE blade	2 per SDPE blade
Reference Input	1	1	1	1	Up to 2	2 ²	2 ²
Reference Loop	1	1	1 ¹	1	Up to 2	2 ²	2 ²
Independent Reference Output			1				
	*Includes MD, QMD, Octane 3	*Includes MD-X, QMD-X, Octane 8, Tritium					
	¹ Using Reference Output.					² On Ultrix frame	
LEGEND:	= Supported = Unsupported						
Specifications subject to change without notice							

SUPPORTED VIDEO STANDARDS

ROSS		VISION		CARBONITE Ultra ⁶⁰	A · C · U · I · T · Y		Ultrix A · C · U · I · T · Y	
		3RU FRAME*	8RU FRAME*	CARBONITE ULTRA 60 <small>NOTE: Support for SD formats available late 2023</small>	ACU4	ACU8	FR5	FR12
SD	480i /59.94	✓	✓	✓	✓	✓	✗	✗
	576i /50	✓	✓	✓	✓	✓	✗	✗
HD 720p	720p /50	✓	✓	✓	✓	✓	✓	✓
	720p /59.94	✓	✓	✓	✓	✓	✓	✓
HD pSF	1080 pSF /23.98	✓	✓	✓	✓	✓	✓	✓
	1080 pSF /24	✓	✓	✓	✓	✓	✓	✓
	1080 pSF /25	✗	✗	✓	✗	✗	✗	✗
	1080 pSF /29.97	✗	✗	✓	✗	✗	✗	✗
	1080 pSF /30	✗	✗	✓	✗	✗	✓	✓
HD 1080i	1080i /25	✗	✗	✓	✗	✗	✗	✗
	1080i /29.97	✗	✗	✓	✗	✗	✗	✗
	1080i /30	✗	✗	✓	✗	✗	✗	✗
	1080i /50	✓	✓	✓	✓	✓	✓	✓
	1080i /59.94	✓	✓	✓	✓	✓	✓	✓
HD 1080p	1080p /23.98	✗	✗	✓	✗	✗	✗	✗
	1080p /24	✓	✓	✓	✓	✓	✓	✓
	1080p /25	✗	✗	✓	✗	✗	✓	✓
	1080p /29.97	✓	✓	✓	✓	✓	✓	✓
	1080p /30	✗	✗	✓	✗	✗	✗	✗
	1080p /50 (Level A)	✗	✗	✓	✓	✓	✓	✓
	1080p /59.94 (Level A)	✗	✗	✓	✓	✓	✓	✓
	1080p /60	✗	✗	✓	✗	✗	✓	✓
UHD 2160p	2160p /23.98	✗	✗	✓	✗	✗	✓	✓
	2160p /24	✗	✗	✓	✗	✗	✓	✓
	2160p /25	✗	✗	✓	✗	✗	✓	✓
	2160p /29.97	✗	✗	✓	✗	✗	✓	✓
	2160p /30	✗	✗	✓	✗	✗	✓	✓
	2160p /50	✗	✗	✓	✓	✓	✓	✓
	2160p /59.94	✗	✗	✓	✓	✓	✓	✓
	2160p /60	✗	✗	✓	✗	✗	✓	✓
	Single-Link 12G	✗	✗	✓	✗	✗	✓	✓
	Quad-Link 2SI, 3G Level A	✗	✗	✓	✓	✓	✓	✓

*Includes MD, QMD, Octane 3 *Includes MD-X, QMD-X, Octane 8, Tritium

LEGEND: ✓ = Supported
✗ = Unsupported

Specifications subject to change without notice

SDI/HDMI/MADI INPUTS & OUTPUTS

ROSS	VISION		CARBONITE Ultra ⁶⁰	A · C · U · I · T · Y				Ultrix A · C · U · I · T · Y	
	3RU FRAME*	8RU FRAME*	CARBONITE ULTRA 60 <small>NOTE: Support for SD formats available late 2023</small>	ACU4		ACU8		FR5	FR12
	SD/HD	SD/HD	SD/HD/UHD	HD	UHD	HD	UHD	HD/UHD	HD/UHD
SDI Inputs	Up to 48 (QMD) Up to 32 (MD)	Up to 96	Up to 60	Up to 60	Up to 15	Up to 120	Up to 30	NOTE: Figures below represent Ultrix Acuity SDI Inputs <i>and</i> Outputs	
SDI Outputs	24 (MD chassis) 16 or 24 (QMD chassis)	Up to 48	Up to 25	Up to 40	Up to 10	Up to 60	Up to 15		
SDI Inputs/Outputs								1 SDPE + 8 HDX-IO 142 ¹	1 SDPE + 15 HDX-IO 270 ¹
								2 SDPE + 7 HDX-IO 124 ¹	2 SDPE + 14 HDX-IO 252 ¹
								3 SDPE + 6 HDX-IO 106 ¹	3 SDPE + 13 HDX-IO 234 ¹
								4 SDPE + 5 HDX-IO 88 ¹	4 SDPE + 12 HDX-IO 216 ¹
									5 SDPE + 11 HDX-IO 198 ¹
									6 SDPE + 10 HDX-IO 180 ¹
									7 SDPE + 9 HDX-IO 162 ¹
									8 SDPE + 8 HDX-IO 144 ¹
HDMI Inputs/Outputs	✗	✗	✗	✗		✗		✓ ²	✓ ²
MADI Audio Inputs/Outputs	✗	✗	64	✗		✗		Ultrix	Ultrix
	<small>*Includes MD, QMD, Octane 3</small>	<small>*Includes MD-X, QMD-X, Octane 8, Tritium</small>						<small>¹ Assumes available slots are fully populated with HDX-IO boards and Aux Ports are populated with SDI SFP modules. Note: Each SDPE blade = one (1) Acuity ME. Acuity MEs can access the router I/O matrix on a bus-by-bus basis. Mixed I/O board complement will result in different matrix sizes. Contact Ross Video for more details.</small>	
								<small>² Via optional SFP HDMI Aux ports. HDMI input/output count dependent on number of populated SFP cages. Contact Ross Video for more details.</small>	
LEGEND:	<div style="display: flex; align-items: center; gap: 5px;"> ✓ = Supported ✗ = Unsupported </div>		Specifications subject to change without notice						

FRAME FEATURES (SD/HD)

ROSS	VISION		CARBONITE Ultra ⁶⁰	A·C·U·I·T·Y		Ultrix A·C·U·I·T·Y	
	3RU FRAME*	8RU FRAME*	CARBONITE ULTRA 60 NOTE: Support for SD formats available late 2023	ACU4	ACU8	FR5	FR12
ME Banks	Up to 4 (2.5 MLE in MD chassis)	Up to 8	Up to 3	Up to 6.5	Up to 8	Up to 4	Up to 8
MiniME Banks	✗	✗	4 (Gen 2) ²	✗	✗	✗	✗
Multifeed PGM	✗	✗	✗	6 PGM, 2 PVW	6 PGM, 2 PVW	4 PGM, 2 PVW	4 PGM, 2 PVW
Keyers per ME	Up to 4	Up to 4	7 (6 Full + 1 Transition Keyer)	8	8	7 (6 Full + 1 Transition Keyer)	7 (6 Full + 1 Transition Keyer)
Keyers per MiniME	✗	✗	2	✗	✗	✗	✗
Aux Transition/Keyers	✓	✓	✗	✓	✓	✗	✗
2D DVEs	✗	✗	12	16 per ME	16 per ME	14 per ME	14 per ME
DVE Border Y-Perspective	✗	✗	✓	✗	✗	✗	✗
3D DVEs	Up to 4 per MLE pair	Up to 8 per MLE pair	✗	2 per ME (4 Tiles)	2 per ME (4 Tiles)	4 per ME	4 per ME
3D Warp/Curvilinear Effects	Up to 1 per MLE pair	Up to 2 per MLE pair	✗	1 per ME	1 per ME	✗	✗
UltraChrome Chroma Keyers	2 per MLE	2 per MLE	4	2 per ME	2 per ME	2 per ME	2 per ME
UltraScene Advanced Compositing Engine	✗	✗	4 pairs	✗	✗	✗	✗
Sequencer	✗	✗	5	✗	✗	✗	✗
Portrait Rotation Mode	✗	✗	Up to 15	✗	✗	✗	✗
Custom Control Logic with Visualization View	✗	✗	✗	✓	✓	✓	✓
Input FSFC	✗	✗	Up to 60	✗	✗	✗	✗
Input Frame Syncs	✗	✗	✗	8 per board ³	8 per board ³	All inputs (via Ultrasync Frame Syncs)	All inputs (via Ultrasync Frame Syncs)
Input Format Conversion	Up to 4 ¹	Up to 8 ¹	✗	8 per board ³	8 per board ³	Bus-based 3G --> 12G autoconversion	Bus-based 3G --> 12G autoconversion
Input Colour Correctors/ Proc Amps	ME Input-based ME Bus-based Aux Bus-based	ME Input-based ME Bus-based Aux Bus-based	Up to 60	Input-based ME Input-based ME Bus-based Aux Bus-based	Input-based ME Input-based ME Bus-based Aux Bus-based	16 per ME	16 per ME
Input SDR <-> HDR Conversion	✗	✗	Up to 60	✗	✗	✗	✗
Input Rec 709 <-> Rec 2020 Conversion	✗	✗	Up to 60	✗	✗	✗	✗
Output FC	Up to 4 ¹	Up to 8 ¹	Up to 20	✗	✗	✗	✗
Output SDR <-> HDR Conversion	✗	✗	Up to 20	✗	✗	✗	✗
Output Rec 709 <-> Rec 2020 Conversion	✗	✗	Up to 20	✗	✗	✗	✗
I/O MultiViewers	✗	✗	Up to 5	Up to 3 ³	Up to 6 ³	Ultrascape (Up to 3 per HDB/SFP or 2 per IP blade)	Ultrascape (Up to 3 per HDB/SFP or 2 per IP blade)
Production MultiViewers	Up to 4 (N/A on MD chassis)	Up to 8 (N/A on MD chassis)	2	Up to 5 x four-head MV	Up to 7 x four-head MV	Ultrascape (Up to 3 per HDB/SFP or 2 per IP blade)	Ultrascape (Up to 3 per HDB/SFP or 2 per IP blade)
Global MediaStores	4 x video or 2 x video/key	4 x video or 2 x video/key	8 x video or video/key	4 x video or 2 x video/key	4 x video or 2 x video/key	ME MediaStores (video & key) available system-wide	ME MediaStores (video & key) available system-wide
ME MediaStores	4 x video or 2 x video/key per MLE pair	4 x video or 2 x video/key per MLE pair	✗	4 x video or 2 x video/key	4 x video or 2 x video/key	4 x video or video/key	4 x video or video/key
Audio MediaStore	✗	✗	MediaStore 1 & 2	4	4	2 per ME	2 per ME
¹ SmartConversion option required			² Gen 2 MiniME Banks provide two (2) full-function keyers		³ Requires 12G Multi-Processing boards. One (1) I/O MultiViewer per board		
[*] Includes MD, QMD, Octane 3		[*] Includes MD-X, QMD-X, Octane 8, Tritium					

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FRAME FEATURES (SD/HD)

ROSS	VISION		CARBONITE Ultra ⁶⁰	A·C·U·I·T·Y		Ultrix A·C·U·I·T·Y	
	3RU FRAME*	8RU FRAME*	CARBONITE ULTRA 60	ACU4	ACU8	FR5	FR12
			NOTE: Support for SD formats available late 2023				
MediaStore RAM Capacity	1GB per ME MediaStore 4GB GlobalStore	1GB per ME MediaStore 4GB GlobalStore	12GB (Shared)	8GB per ME MediaStore 4GB GlobalStore	8GB per ME MediaStore 4GB GlobalStore	8GB per ME	8GB per ME
USB Media Player	✗	✗	✓	✗	✗	✗	✗
Internal SSD Capacity	256GB	256GB	1TB (800GB User-accessible)	240GB	240GB	256GB	256GB
Audio Mixer	✗	✗	✓	✗	✗	Ultrimix	Ultrimix
Audio Aux Mix Re-Entry	✗	✗	✓	✗	✗	✗	✗
Multiple AFV Source Triggers	✗	✗	✓	✗	✗	✗	✗
Memory/Custom Control Export	✗	✗	✓ ²	✗	✗	✗	✗
Dual GPI Events	✗	✗	✓	✗	✗	✗	✗
Frame Simulator (DashBoard)	✗	✗	✓	✓	✓	✓	✓
Ross Platform Manager (RPM) Support	✗	✗	✓	✗	✗	✓	✓
XPression LivcCG	✗	✗	✓	✗	✗	✗	✗
	*Includes MD, QMD, Octane 3	*Includes MD-X, QMD-X, Octane 8, Tritium	¹ Supported for certain resolutions, frame rates, and file formats only. Contact Ross Video for specifications				
			² Export function supported for Graphite, Carbonite Ultra, Carbonite Ultra 60, and Ultrix Carbonite only				
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FRAME FEATURES (UHD)

ROSS	VISION		CARBONITE Ultra ⁶⁰	A·C·U·I·T·Y		Ultrix A·C·U·I·T·Y	
	3RU FRAME*	8RU FRAME*	CARBONITE ULTRA 60	ACU4	ACU8	FR5	FR12
ME Banks	✗	✗	Up to 3	Up to 3	Up to 4	Up to 4	Up to 8
MiniME Banks	✗	✗	2 (Gen 2) ¹	✗	✗	✗	✗
Multifeed PGM	✗	✗	✗	3 PGM, 1 PVW	3 PGM, 1 PVW	4 PGM, 2 PVW	4 PGM, 2 PVW
Keyers per ME	✗	✗	5 (4 Full Keyers + 1 Transition Keyer)	4	4	7 (6 Full Keyers + 1 Transition Keyer)	7 (6 Full Keyers + 1 Transition Keyer)
Keyers per MiniME	✗	✗	2	✗	✗	✗	✗
Aux Transition/Keyers	✗	✗	✗	✗	✗	✗	✗
2D DVEs	✗	✗	6	8 per ME	8 per ME	6 per ME	6 per ME
DVE Border Y-Perspective	✗	✗	✓	✗	✗	✗	✗
3D DVEs	✗	✗	✗	1 per ME	1 per ME	1 per ME	1 per ME
3D Preprocessor Effects	✗	✗	✗	✗	✗	✗	✗
3D Warp/Curvilinear Effects	✗	✗	✗	✗	✗	✗	✗
UltraChrome Chroma Keyers	✗	✗	2	1 per ME	1 per ME	2 per ME	2 per ME
	*Includes MD, QMD, Octane 3	*Includes MD-X, QMD-X, Octane 8, Tritium	¹ Gen 2 MiniME Banks provide two (2) full-function keyers				
LEGEND:	✓ = Supported ✗ = Unsupported		Specifications subject to change without notice				

FRAME FEATURES (UHD)

ROSS	V I S I O N		CARBONITE Ultra⁶⁰	A · C · U · I · T · Y		Ultrix A · C · U · I · T · Y		
	3RU FRAME*	8RU FRAME*	CARBONITE ULTRA 60	ACU4	ACU8	FR5	FR12	
UltraScene Advanced Compositing Engine	✗	✗	✗	✗	✗	✗	✗	
Sequencer	✗	✗	5	✗	✗	✗	✗	
Portrait Rotation Mode	✗	✗	✗	✗	✗	✗	✗	
Custom Control Logic with Visualization View	✗	✗	✗	✓	✓	✓	✓	
Input FSFC	✗	✗	Up to 40	✗	✗	✗	✗	
Input Frame Syncs	✗	✗	✗	2 per board ¹	2 per board ¹	All inputs (via Ultrasync Frame Syncs)	All inputs (via Ultrasync Frame Syncs)	
Input Format Conversion	✗	✗	✗	2 per board ¹	2 per board ¹	Bus-based 3G --> 12G autoconversion	Bus-based 3G --> 12G autoconversion	
Input Colour Correctors/ Proc Amps	✗	✗	✗	Input-based ME Input-based ME Bus-based Aux Bus-based	Input-based ME Input-based ME Bus-based Aux Bus-based	16 per ME	16 per ME	
Floating I/O Colour Correction/Proc Amps	✗	✗	Up to 20	✗	✗	✗	✗	
Input SDR <-> HDR Conversion	✗	✗	Up to 20	✗	✗	✗	✗	
Input Rec 709 <-> Rec 2020 Conversion	✗	✗	Up to 20	✗	✗	✗	✗	
Output FC	✗	✗	Up to 20	✗	✗	✗	✗	
Output SDR <-> HDR Conversion	✗	✗	Up to 20	✗	✗	✗	✗	
Output Rec 709 <-> Rec 2020 Conversion	✗	✗	Up to 20	✗	✗	✗	✗	
I/O MultiViewers	✗	✗	Up to 5	Up to 3 ¹	Up to 6 ¹	Ultrascope (Up to 3 per HDB/SFP or 2 per IP blade)	Ultrascope (Up to 3 per HDB/SFP or 2 per IP blade)	
Production MultiViewers	✗	✗	1	Up to 5 x four-head MV	Up to 7 x four-head MV	Ultrascope (Up to 3 per HDB/SFP or 2 per IP blade)	Ultrascope (Up to 3 per HDB/SFP or 2 per IP blade)	
Global MediaStores	✗	✗	8 x video or video/key	1 x video or video/key	1 x video or video/key	ME MediaStores (video & key) available system-wide	ME MediaStores (video & key) available system-wide	
ME MediaStores	✗	✗	✗	2 x video or 1 x video/key	2 x video or 1 x video/key	4 x video or video/key	4 x video or video/key	
Audio MediaStore	✗	✗	MediaStore 1 & 2	1 (Global MediaStore)	1 (Global MediaStore)	2 per ME	2 per ME	
MediaStore RAM Capacity	✗	✗	12GB (Shared)	8GB per ME MediaStore 4GB GlobalStore	8GB per ME MediaStore 4GB GlobalStore	8GB per ME	8GB per ME	
USB Media Player	✗	✗	✗	✗	✗	✗	✗	
Internal SSD Capacity	✗	✗	1TB (800GB User-accessible)	240GB	240GB	256GB	256GB	
Audio Mixer	✗	✗	✓	✗	✗	Ultrimix	Ultrimix	
Audio Aux Mix Re-Entry	✗	✗	✓	✗	✗	✗	✗	
Multiple AFV Source Triggers	✗	✗	✓	✗	✗	✗	✗	
Memory/Custom Control Export	✗	✗	✓ ¹	✗	✗	✗	✗	
Dual GPI Events	✗	✗	✓	✗	✗	✗	✗	
Frame Simulator (DashBoard)	✗	✗	✓	✓	✓	✓	✓	
Ross Platform Manager (RPM) Support	✗	✗	✓	✗	✗	✓	✓	
XPression LivcCG	✗	✗	✓	✗	✗	✗	✗	
	*Includes MD, QMD, Octane 3	*Includes MD-X, QMD-X, Octane 8, Tritium	¹ Export function supported for Graphite, Carbonite Ultra, Carbonite Ultra 60, and Ultrix Carbonite only					
LEGEND:	✓ = Supported ✗ = Unsupported		Specifications subject to change without notice					

SUPPORTED PROTOCOLS

ROSS	VISION		CARBONITE Ultra ⁶⁰	A · C · U · I · T · Y		Ultrix A · C · U · I · T · Y	
	3RU FRAME*	8RU FRAME*	CARBONITE ULTRA 60	ACU4	ACU8	FR5	FR12
INBOUND							
RossTalk	✓	✓	✓	✓	✓	✓	✓
OverDrive / Caprica	✓	✓	✓	✓	✓	✓	✓
TSL 3.1	✓	✓	✓	✓	✓	✓	✓
TSL 5.0	✗	✗	✓	✓	✓	✓	✓
GVG 100/110	✓	✓	✓	✓	✓	✓	✓
GVG 200, 4000	✓	✓	✗	✓	✓	✓	✓
OUTBOUND							
Ross Audio Protocol (RAP)	✓	✓	✗	✓	✓	✓	✓
Lawo Ember+ (Audio Consoles)	✗	✗	✗	✓	✓	✓	✓
Lawo___A (Audio Engines)	✗	✗	✗	✓	✓	✓	✓
VDCP	✓	✓	✗	✓	✓	✓	✓
AMP	✓	✓	✓	✓	✓	✓	✓
Betacam / BVW-75	✓	✓	✗	✓	✓	✓	✓
CII	✓	✓	✗	✓	✓	✓	✓
RossTalk	✓	✓	✓	✓	✓	✓	✓
TSL 3.1	✓	✓	✓	✓	✓	✓	✓
TSL 5.0	✗	✗	✓	✓	✓	✓	✓
Contribution Serial Tally	✓	✓	✗	✓	✓	✓	✓
Ross CamBot	✗	✗	✓	✓	✓	✓	✓
Ross Furio	✗	✗	✗	✓	✓	✓	✓
Telemetry	✗	✗	✗	✓	✓	✓	✓
Visca (Serial)	✓	✓	✓	✓	✓	✓	✓
Visca (Ethernet)	✓	✓	✗	✓	✓	✓	✓
Shotoku	✗	✗	✗	✓	✓	✓	✓
Panasonic	✗	✗	✗	✓	✓	✓	✓
Eagle	✗	✗	✗	✓	✓	✓	✓
Canon BU series	✗	✗	✓	✓	✓	✓	✓
PBUS II	✓	✓	✓	✓	✓	✓	✓
ProBel (SWP-P-08)	✓	✓	✗	✓	✓	✓	✓
GVG NP / 7000	✓	✓	✗	✓	✓	✓	✓
NVISION (NVSP) / NV9000	✓	✓	✗	✓	✓	✓	✓
Quartz / Evertz	✓	✓	✗	✓	✓	✓	✓

*Includes MD, QMD, Octane 3 *Includes MD-X, QMD-X, Octane 8, Tritium

LEGEND: ✓ = Supported
✗ = Unsupported

Specifications subject to change without notice

SUPPORTED CONTROL PANELS

ROSS	DIMENSIONS	VISION		CARBONITE Ultra60	A · C · U · I · T · Y		Ultrix A · C · U · I · T · Y
		3RU FRAME*	8RU FRAME*	CARBONITE ULTRA 60	ACU4	ACU8	ALL MODELS
C10 (CPS-1012)	15.85 x 10.77 (in.) 402.59 x 273.56 (mm)	✗	✗	✗	✗	✗	✗
C1 (CPS-1016)	21.70 x 10.76 (in.) 551.18 x 273.30 (mm)	✗	✗	✗	✗	✗	✗
C1A	24.70 x 12.49 (in.) 627.38 x 317.25 (mm)	✗	✗	✓ ¹	✗	✗	✗
C1M	29.77 x 12.48 (in.) 756.16 x 316.99 (mm)	✗	✗	✓ ¹	✗	✗	✗
C2	24.71 x 18.24 (in.) 627.63 x 463.30 (mm)	✗	✗	✓ ¹	✗	✗	✗
C2M	29.77 x 18.23 (in.) 756.16 x 463.04 (mm)	✗	✗	✓ ¹	✗	✗	✗
C2S	33.74 x 18.25 (in.) 857.00 x 463.55 (mm)	✗	✗	✓ ¹	✗	✗	✗
C2X	39.48 x 18.25 (in.) 1002.70 x 463.55 (mm)	✗	✗	✓ ¹	✗	✗	✗
C3S	33.74 x 24.13 (in.) 857.00 x 612.90 (mm)	✗	✗	✓ ¹	✗	✗	✗
C3X	39.48 x 24.13 (in.) 1002.79 x 612.90 (mm)	✗	✗	✓ ¹	✗	✗	✗
CB9	16.20 x 10.06 (in.) 411.48 x 255.52 (mm)	✗	✗	✓	✗	✗	✗
CB1	23.42 x 10.72 (in.) 594.87 x 272.29 (mm)	✓	✓	✓	✓	✓	✗
CB1S	32.51 x 10.72 (in.) 825.75 x 272.29 (mm)	✗	✗	✓	✗	✗	✗
CB2	23.42 x 16.24 (in.) 594.87 x 412.50 (mm)	✓	✓	✓	✓	✓	✗
CB2S	32.51 x 16.24 (in.) 825.75 x 412.50 (mm)	✗	✗	✓	✗	✗	✗
CB3S	32.51 x 21.76 (in.) 825.75 x 552.70 (mm)	✗	✗	✓	✗	✗	✗
CB3X	38.19 x 21.76 (in.) 970.02 x 552.70 (mm)	✗	✗	✓	✗	✗	✗
V1	28.50 x 16.50 (in.) 723.90 x 419.10 (mm)	✓	✓	✗	✗	✗	✗
V1M	35.00 x 16.50 (in.) 889.00 x 419.10 (mm)	✓	✓	✗	✗	✗	✗
V2	34.00 x 16.50 (in.) 863.60 x 419.10 (mm)	✓	✓	✗	✗	✗	✗
V2M	39.50 x 16.50 (in.) 1003.30 x 419.10 (mm)	✓	✓	✗	✗	✗	✗
V2X	51.00 x 16.50 (in.) 1295.40 x 419.10 (mm)	✓	✓	✗	✗	✗	✗
V3M	45.30 x 20.50 (in.) 1150.60 x 520.70 (mm)	✓	✓	✗	✗	✗	✗
V3	51.00 x 20.50 (in.) 1295.40 x 520.70 (mm)	✓	✓	✗	✗	✗	✗
V4	55.50 x 26.00 (in.) 1409.70 x 660.40 (mm)	✓	✓	✗	✗	✗	✗
		*Includes MD, QMD, Octane 3	*Includes MD-X, QMD-X, Octane 8, Tritium	¹ Requires CarboNet Serial - Ethernet Adaptor. Contact Ross Video for details.			
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SUPPORTED CONTROL PANELS

ROSS	DIMENSIONS	VISION		CARBONITE Ultra ⁶⁰	A · C · U · I · T · Y		Ultrix A · C · U · I · T · Y
		3RU FRAME*	8RU FRAME*	CARBONITE ULTRA 60	ACU4	ACU8	ALL MODELS
A1S/A1SDD	41.00 x 16.00 (in.) 1041.40 x 406.40 (mm)	✗	✗	✗	✓	✓	✓
A2M/A2MDD	48.00 x 16.00 (in.) 1219.20 x 406.40 (mm)	✗	✗	✗	✓	✓	✓
A2X/A2XDD	54.50 x 16.00 (in.) 1384.30 x 406.40 (mm)	✗	✗	✗	✓	✓	✓
A3M/A3MDD	48.00 x 21.50 (in.) 1219.20 x 546.10 (mm)	✗	✗	✗	✓	✓	✓
A3/A3DD	54.50 x 21.50 (in.) 1384.30 x 546.10 (mm)	✗	✗	✗	✓	✓	✓
A4/A4DD	61.50 x 27.50 (in.) 1562.10 x 698.50 (mm)	✗	✗	✗	✓	✓	✓
TD1C	17.50 x 12.91 (in.) 444.50 x 327.91 (mm)	✗	✗	✓	✗	✗	✓
TD1	28.29 x 9.86 (in.) 718.57 x 250.44 (mm)	✗	✗	✓	✗	✗	✓
TD2	28.29 x 15.73 (in.) 718.57 x 399.54 (mm)	✗	✗	✓	✗	✗	✓
TD2S	41.00 x 15.73 (in.) 1041.40 x 399.54 (mm)	✗	✗	✓	✗	✗	✓
TD3S	41.00 x 21.23 (in.) 1041.40 x 539.24 (mm)	✗	✗	✓	✗	✗	✓
TD3	58.36 x 20.22 (in.) 1482.40 x 513.60 (mm)	✗	✗	✓	✗	✗	✓
TD4	58.36 x 25.37 (in.) 1482.40 x 644.40 (mm)	✗	✗	✓	✗	✗	✓
		*Includes MD, QMD, Octane 3	*Includes MD-X, QMD-X, Octane 8, Tritium				

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