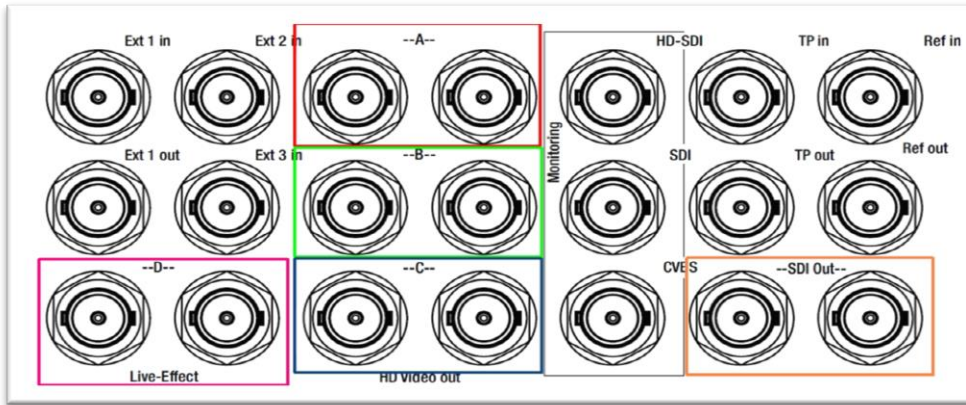


The unmatched flexibility of Grass Valley XCU connectivity



Video Mode		--A--	--B--	--C--	--D-- (Live effect) ¹⁾	--SDI Out--	Monitoring HD	IP Output ⁵⁾
1x	720p	720p	720p	720p	720p or SD-SDI	SD-SDI	720p	720p Live 720p monitoring
	720p	HDR	720p HDR	720p HDR	720p SDR or SD-SDI SDR	SD-SDI SDR or SD-SDI HDR	720p SDR	720p Live HDR or SDR 720p monitoring SDR
	1080psf 23		1080psf 23	1080psf 23	1080psf 23	no signal	1080psf 23	1080psf Live 1080psf monitoring
	1080psf 23	HDR	1080psf 23 HDR	1080psf 23 HDR	1080psf 23 HDR or 1080psf23 SDR	no signal	1080psf HDR or 1080psf SDR	1080psf Live HDR or SDR 1080psf monitoring HDR or SDR
	1080psf 24		1080psf 24	1080psf 24	1080psf 24	no signal	1080psf 24	1080psf Live 1080psf monitoring
	1080psf 24	HDR	1080psf 24 HDR	1080psf 24 HDR	1080psf 24 HDR or 1080psf24 SDR	no signal	1080psf HDR or 1080psf SDR	1080psf Live HDR or SDR 1080psf monitoring HDR or SDR
	1080psf 25		1080psf 25	1080psf 25	1080psf 25	SD-SDI	1080psf 25	1080psf Live 1080psf monitoring
	1080psf 25	HDR	1080psf 25 HDR	1080psf 25 HDR	1080psf 25 HDR or 1080psf25 SDR	SD-SDI HDR or SD-SDI SDR	1080psf HDR or 1080psf SDR	1080psf Live HDR or SDR 1080psf monitoring HDR or SDR
	1080psf 29		1080psf 29	1080psf 29	1080psf 29	SD-SDI	1080psf 29	1080psf Live 1080psf monitoring
	1080psf 29	HDR	1080psf 29 HDR	1080psf 29 HDR	1080psf 29 HDR or 1080psf 29 SDR	SD-SDI HDR or SD-SDI SDR	1080psf HDR or 1080psf SDR	1080psf Live HDR or SDR 1080psf monitoring HDR or SDR
	1080i		1080i	1080i	1080i or SD-SDI	SD-SDI	1080i	1080i Live 1080i monitoring
	1080i	HDR	1080i HDR	1080i HDR	1080i HDR or SDR or SD-SDI HDR or SDR	SD-SDI HDR or SD-SDI SDR	1080i HDR or 1080i SDR	1080i Live HDR or SDR 1080i monitoring HDR or SDR
	1080p		1080p	1080p	1080i or 720p or SD-SDI	SD-SDI	1080i	1080p Live 1080i monitoring
	1080p	HDR	1080p HDR	1080p HDR	1080p HDR or SDR or 1080i HDR or SDR or 720p HDR or SDR or SD-SDI HDR or SDR	SD-SDI HDR or SD-SDI SDR	1080i HDR or SDR or 720p HDR or SDR	1080p Live HDR or SDR 1080i monitoring HDR or SDR
4K		Quad: top left ²⁾ or 2-SI: 1 ²⁾	Quad: top right ²⁾ or 2-SI: 2 ²⁾	Quad: bottom left ²⁾ or 2-SI: 3 ²⁾	Quad: bottom right ²⁾ or 2-SI: 4 ²⁾	1080p or 1080i or 720p	1080i or 720p	UHD Live ⁶⁾ 1080i monitoring
	HDR	Quad: top left ²⁾ or 2-SI: 1 ²⁾ HDR	Quad: top right ²⁾ or 2-SI: 2 ²⁾ HDR	Quad: bottom left ²⁾ or 2-SI: 3 ²⁾ HDR	Quad: bottom right ²⁾ or 2-SI: 4 ²⁾ HDR	1080p HDR or SDR or 1080i HDR or SDR or 720p HDR or SDR	1080i HDR or SDR or 720p HDR or SDR	UHD Live HDR or SDR ⁶⁾⁷⁾ 1080i monitoring
3x	720p	150/180 Phase 1 1,5G	Phase 2 1,5G	Phase 3 1,5G	720p live combined ⁴⁾	SD-SDI live combined ⁴⁾	720p combined ⁴⁾	N.A. IP-XCU does not support HS/XS modes
	1080i	150/180 Phase 1 1,5G	Phase 2 ³⁾ 1,5G	Phase 3 1,5G	1080i live combined ⁴⁾	SD-SDI live combined ⁴⁾	1080i combined ⁴⁾	N.A. IP-XCU does not support HS/XS modes
	1080p	150/180 Phase 1 3G	Phase 2 3G	Phase 3 3G	1080p live combined ⁴⁾ or 1080i live combined ⁴⁾ or 720P live combined ⁴⁾	SD-SDI live combined ⁴⁾	1080i combined ⁴⁾ or 720P combined ⁴⁾	N.A. IP-XCU does not support HS/XS modes
6x	720p	300/360 Phase 1+2 ³⁾ 3G	Phase 3+4 ³⁾ 3G	Phase 5+6 ³⁾ 3G	720p live combined ⁴⁾	SD-SDI live combined ⁴⁾	720p combined ⁴⁾	N.A. IP-XCU does not support HS/XS modes
	1080i	300/360 Phase 1+2 ³⁾ 3G	Phase 3+4 ³⁾ 3G	Phase 5+6 ³⁾ 3G	1080i live combined ⁴⁾	SD-SDI live combined ⁴⁾	1080i combined	N.A. IP-XCU does not support HS/XS modes

1) --D-- (Live Effect) Video-signal selection can be set in XCU Install Menu

2) Quad UHD or 2-SI (2 Sample Interleave) can be set in XCU Install Menu - The XCU HD/4K XF IP does not support 4K Quad-SDI output.

3) The even-phases on interlaced modes have alternating line-order. Cannot be monitored on most displays or will be shown as jittering image.

4) In HS / XS mode the Live combined output video mode cannot be changed. But the amount of combined phases can be set in XCU Install menu to reduce motion blur on combined output

5) IP Output is only available on XCU HD/4K XF IP - The XCU HD/4K XF IP does not support Quad-SDI output and only HD Monitoring derived from one 2SI stream and no HD on --SDI OUT--

6) The 4K Signal is distributed over IP in TICO Compression. Future compression schemes are subject to be discussed when industry demand it

7) The XCU HD/4K XF IP does not support HDR.

All connectivity possibilities are determined by the used version of LDX and XCU. Please read the manuals of the different cameras:

<http://www.grassvalley.com/products/maincat-cameras>

Or contact your local Grass Valley representative for more information.