



PHABRIX®
broadcast excellence

**ADVANCED
FORMATS**

RX OPTION

ADVANCED FORMATS

3G Level-A 2.97 Gb/s SMPTE 425M-A

	Resolution	Colour Space	Rate
SMPTE 296M	1280 x 720	4:4:4 (Y'C'BC'R'), 4:4:4:4 (Y'C'BC'R' + A)/10-bit	23.98, 24, 25, 29.97, 30, 50, 59.94 60 Progressive
SMPTE 274M	1920 x 1080	4:4:4 (R'G'B'), 4:4:4:4 (R'G'B' + A)/10-bit	23.98, 24, 25, 29.97, 30 Progressive or Segmented Frame 50, 59.94, 60 Interlaced
SMPTE 274M	1920 x 1080	4:4:4 (Y'C'BC'R'), 4:4:4:4 (Y'C'BC'R' + A)/10-bit	23.98, 24, 25, 29.97, 30 Progressive or Segmented Frame 50, 59.94, 60 Interlaced
SMPTE 274M	1920 x 1080	4:4:4 (R'G'B')/12-bit	23.98, 24, 25, 29.97, 30 Progressive 50, 59.94, 60 Interlaced *
SMPTE 274M	1920 x 1080	4:4:4 (Y'C'BC'R')/12 bit	23.98, 24, 25, 29.97, 30 Progressive 50, 59.94, 60 Interlaced
SMPTE 428-9	2048 x 1080	4:4:4 (X'Y'Z')/12 bit	23.98, 24.00 Progressive or Segmented Frame
SMPTE 274M	1920 x 1080	4:2:2 (Y'C'BC'R')/12 bit	23.98, 24, 25, 29.97, 30 Progressive or Segmented Frame 50, 59.94, 60 Interlaced

3G Level-B 2.97 Gb/s SMPTE 425-B Single Stream

	Resolution	Colour Space	Rate
SMPTE 274M	1920 x 1080	4:2:2 (Y'C'BC'R')/10 bit	23.98, 24, 25, 29.97, 30, 47.95, 48, 50, 59.94, 60 Progressive 23.98, 24.00, 25.00, 29.97, 30.00 Segmented Frame 50.00, 59.94, 60.00 Interlaced
SMPTE 274M	1920 x 1080	4:4:4 (Y'C'BC'R'), 4:4:4:4 (Y'C'BC'R' + A)/10-bit	23.98, 24.00, 25.00, 29.97, 30.00 Progressive or Segmented Frame 50.00, 59.94, 60.00 Interlaced
SMPTE 274M	1920 x 1080	4:2:2 (Y'C'BC'R')/12 bit, 4:4:4 (Y'C'BC'R')/12 bit	23.98, 24.00, 25.00, 29.97, 30.00 Progressive or Segmented Frame 50.00, 59.94, 60.00 Interlaced
SMPTE 274M	1920 x 1080	4:4:4 (R'G'B'), 4:4:4:4 (R'G'B' + A)/10-bit	23.98, 24.00, 25.00, 29.97, 30.00 Progressive or Segmented Frame 50.00, 59.94, 60.00 Interlaced
SMPTE 274M	1920 x 1080	4:4:4 (R'G'B')/12-bit	23.98, 24, 25, 29.97, 30 Progressive 50, 59.94, 60 Interlaced

3G Level-B 2.97 Gb/s SMPTE 425-B Dual Stream

	Payload type
	1 x SMPTE 372M dual-link payload
	2 x SMPTE 292M HD 720 payloads
	2 x SMPTE 292M HD 1080 payloads

2K 3G Level-A and Level-B 2.97 Gb/s

	Resolution	Colour Space	Rate
SMPTE ST 2048-2	2048 x 1080	4:2:2 (Y'C'bC'r) 10 bit	47.95, 48, 50, 59.94, 60 Progressive
SMPTE ST 2048-2	2048 x 1080	4:4:4 (Y'C'bC'r) 10 bit	23.98, 24, 25, 29.97, 30 Progressive or Segmented Frame
SMPTE ST 2048-2	2048 x 1080	4:4:4 (Y'C'bC'r + A) 10 bit	23.98, 24, 25, 29.97, 30 Progressive or Segmented Frame
SMPTE ST 2048-2	2048 x 1080	4:4:4 (R'G'B') 12-bit	23.98, 24, 25, 29.97, 30 Progressive
SMPTE ST 2048-2	2048 x 1080	4:4:4 (Y'C'bC'r + A) 12 bit	23.98, 24, 25, 29.97, 30 Progressive
SMPTE ST 2048-2	2048 x 1080	4:4:4 (R'G'B') 12-bit	23.98, 24, 25, 29.97, 30 Progressive or Segmented Frame
SMPTE ST 2048-2	2048 x 1080	4:4:4 (Y'C'bC'r + A) 12 bit	23.98, 24, 25, 29.97, 30 Progressive or Segmented Frame
SMPTE ST 2048-2	2048 x 1080	4:2:2 (Y'C'bC'r) 12 bit	23.98, 24, 25, 29.97, 30 Progressive
SMPTE ST 2048-2	2048 x 1080	4:2:2 (Y'C'bC'r + A) 12 bit	23.98, 24, 25, 29.97, 30 Progressive
SMPTE ST 2048-2	2048 x 1080	4:2:2 (Y'C'bC'r) 12 bit	23.98, 24, 25, 29.97, 30 Progressive or Segmented Frame
SMPTE ST 2048-2	2048 x 1080	4:2:2 (Y'C'bC'r + A) 12 bit	23.98, 24, 25, 29.97, 30 Progressive or Segmented Frame
SMPTE ST 428-9	2048 x 1080	4:4:4 (X'Y'Z') 12-bit	23.98, 24 Progressive
SMPTE ST 428-9	2048 x 1080	4:4:4 (X'Y'Z') 12-bit	23.98, 24 Progressive or Segmented Frame
SMPTE ST 428-19	2048 x 1080	4:4:4 (X'Y'Z') 12-bit	25, 29.97, 30 Progressive
SMPTE ST 428-19	2048 x 1080	4:4:4 (X'Y'Z') 12-bit	25, 29.97, 30 Progressive or Segmented Frame

ORDERING INFORMATION

Option Code

PHRXO-3G

 **PHABRIX®**
PHABRIX® Limited



*Specifications and features described herein are subject to change without prior notice.
Please consult our website www.phabrix.com for the latest data.



PHRX-3G-101 3

Revision 14/07/15