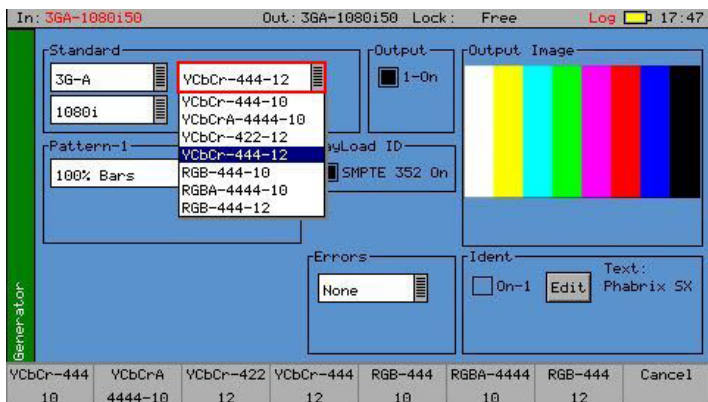


AudioVideo BrandBuilder Corporation



3G-SDI + ADVANCED + 2K FORMATS OPTION for SxTAG/TAGC/TAGC-IP

OPTION CODE: PHSXO3GADV



The 3G-SDI formats option for the SxTAG Series supports the new broadcast practice for 3G Level and Level B signal transfer and provides advanced formats including 4:2:2 YUV, 4:4:4 RGB and 4:4:4 YUV at 10/12 bit. For broadcast manufacturers this option allows rigorous testing of many more formats beyond the standard signals used in traditional broadcasting.

Among the support for 3G Level B is the ability to analyze signals such as SMPTE 425-B carrying 1 x SMPTE 372M Dual-Link payload. Generation of these signals is activated if the generator is present.

This option allows the Sx TAG Series to support over 350 formats including the following 3G Level A and Level B formats:

Standard	Resolution	Color Space	Rate
SMPTE274M	1920x1080	4:2:2 (Y'CBC'R')/10 bit	P 50.00, 59.94, 60.00
SMPTE296M	1280x720	4:4:4 (R'G'B'), 4:4:4:4 (R'G'B'+A)/10-bit	P 23.0, 24.00, 25.00, 29.97, 30.00, 50.00, 59.94, 60.00
SMPTE296M	1280x720	4:4:4 (Y'CBC'R'), 4:4:4:4 (Y'CBC'R'+A)/10-bit	P 23.00, 24.00, 25.00, 29.97, 30.00, 50.00, 59.94, 60.00
SMPTE274M	1920x1080	4:4:4 (R'G'B'), 4:4:4:4 (R'G'B'+A)/10-bit	P or sF 23.00, 24.00, 25.00, 29.97, 30.00, I 50.00, I 59.94, I 60.00
SMPTE274M	1920x1080	4:4:4 (Y'CBC'R'), 4:4:4:4 (Y'CBC'R'+A)/10-bit	P or sF 23.00, 24.00, 25.00, 29.97, 30.00, I 50.00, I 59.94, I 60.00
SMPTE274M	1920x1080	4:4:4 (R'G'B')/12-bit	P 23.00, 24.00, 25.00, 29.97, 30.00, I 50.00, I 59.94, I 60.00
SMPTE274M	1920x1080	4:4:4 (Y'CBC'R')/12 bit	P 23.00, 24.00, 25.00, 29.97, 30.00, I 50.00, I 59.94, I 60.00
SMPTE428-9	2048x1080	4:4:4 (X'Y'Z')/12-bit	P or sF 23.98, 24.00
SMPTE274M	1920x1080	4:2:2 (Y'CBC'R')/12 bit	P or sF 23.98, 24.00, 25.00, 29.97, 30.00, I 50.00, I 59.94, I 60.00

FEATURES HIGHLIGHTS

- 3G-LEVEL A AND LEVEL B SUPPORT
- RGB AND RGBA SUPPORT
- AVAILABLE ON ANALYZER
- AVAILABLE ON GENERATOR

AVAILABLE FOR

- PHABRIX® SxTAG / TAGC / TAGC-IP

PAYLOAD TYPE

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

* Specifications and features described herein are subject to change without prior notice. Please consult the manufacturer's website for the latest data. PHABRIX is a registered trademark.

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