



Datasheet

X5

appear.net

Version 1.0

 **appear**

X5: Compact. Powerful. Futureproof.

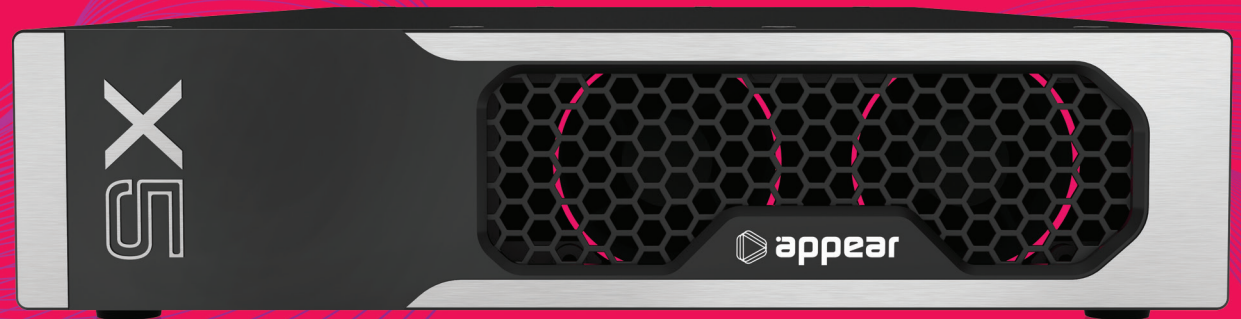
X5 is a portable, small form-factor companion of Appear's multi award winning X10/X20 platform.

It delivers encoding and decoding combined in a single unit, ideal for low latency contribution applications.

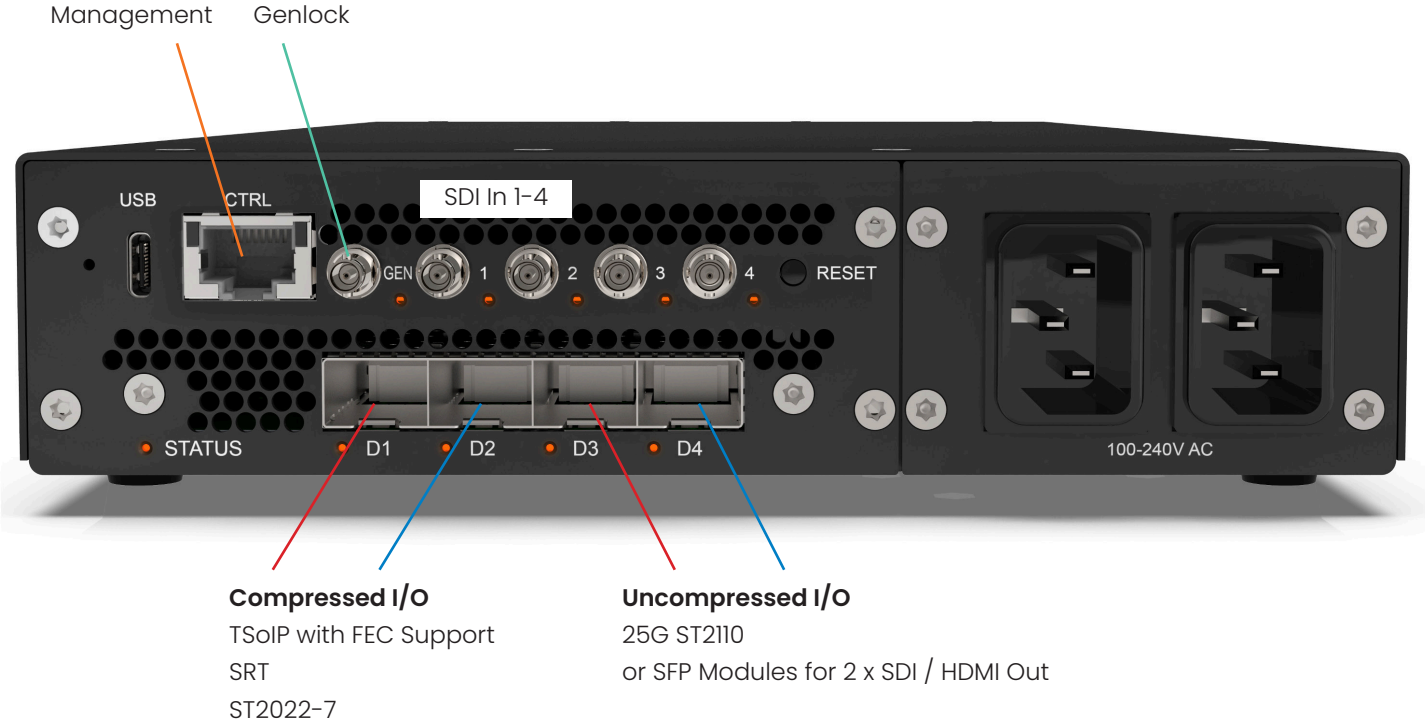
Available in 4 x 2 HD, 2 x 2 HD, or 1 x 1 UHD configurations, X5 supports either HEVC or AVC codecs, with SRT and Transport Stream over IP including ST2022-7 and ST2022-1 FEC flow protection.

X5 can be operated as a table-top device or installed in a rackmounted configuration.

«X5 is a cost-efficient high-quality compression platform that gives the operator the same user experience as the X10/X20.»



Chassis overview



Dual SDI Output



HDMI 2.0 Output

Highlights

- SRT and IP for site-to-site or ground-to-cloud transmissions
- Encode and decode with genlock in the same chassis
- SDI, HDMI & 2110 capable in the same chassis
- TSoIP and SRT support as standard
- Out-of-band management port for enhanced security
- FEC & 2022-7 support as standard
- Portable and rack-mountable
- Unified UI & system capability with X10/X20 ecosystem

Features



TSoIP



SRT for public and private networks

- Enables Ground To Cloud and Cloud to Ground workflows



AVC & HEVC encoding and decoding

- 4:2:2/0, 8/10bit, interlace and progressive
- Encoding for transmission and decoding for monitoring via SDI or HDMI



ST2022-7 seamless protection



ST2022-1 FEC for reliable transportation



SDI and ST2110 capable



Independent management port (out-of-band)



Advanced audio processing (MP1L2, AAC, DD/DD+, DD+ w/ATMOS, AC-4)



Video alignment for Multi-cam productions and Key and Fill applications



ST2110 25G interfaces



NMOS, PTP support

Dimensions

1RU

190mm x 44mm m x 395mm (w x h x d)

7.48in x 1.73 in bx 15.55in (w x h x d)



Ordering information

Available in (5) configuration bundles. All are standard with dual power supplies, TS and SRT I/O:

- X5HW/SW-AVC2ENCHD - AVC 2 encode x 2 decode
- X5HW/SW-AVC4ENCHD - AVC 4 encode x 2 decode
- X5HW/SW-AVCHEVC2ENCHD - AVC/HEVC 2 encode x 2 decode
- X5HW/SW-AVCHEVC4ENCHD - AVC/HEVC 4 encode x 2 decode
- X5HW/SW-AVCHEVC4ENCUHD - AVC/HEVC 4 encode x 2 decode or 1 encode x 1 decode UHD

Optional rack kits for side-by-side configurations
Optional SFP for HDMI output

Contact

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