



Datasheet

# X5

[appear.net](http://appear.net)

Version 1.0

 **appear**

## X5: Compact. Powerful. Futureproof.

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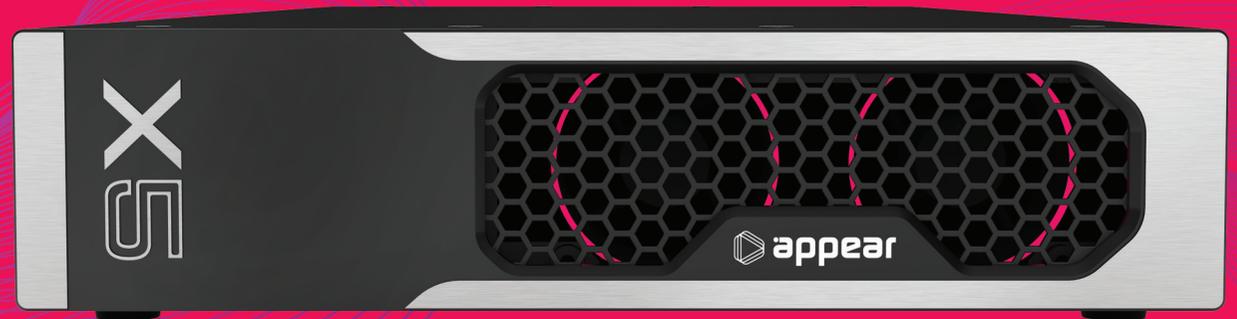
X5 is a portable, small form-factor companion of Appear's multi award winning X10/X20 platform.

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

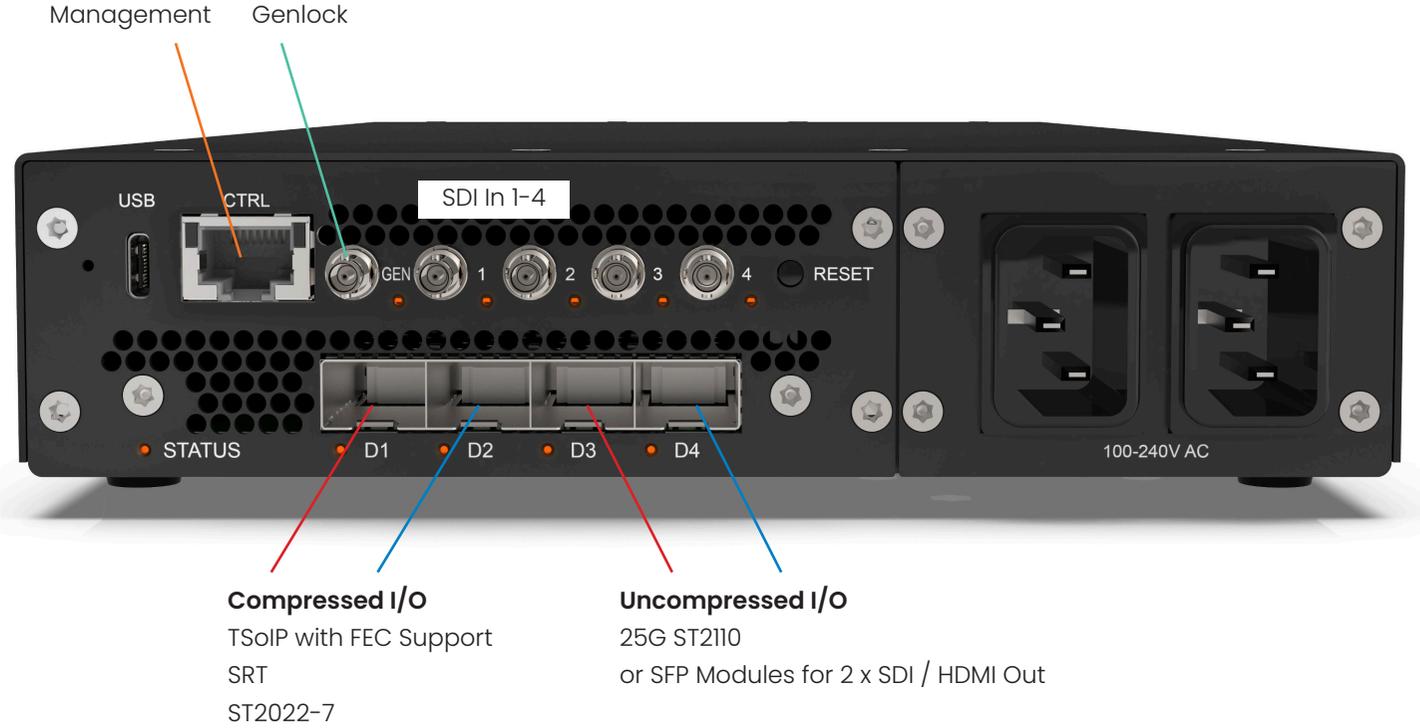
Available in 4 x 2 HD, 2 x 2 HD, or 1 x 1 UHD configurations, X5 supports either HEVC or AVC codecs, with SRT and TSoIP transport streams including ST2022-7 and FEC.

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
- TSolP 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**



**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)



**25G data interfaces**



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



**NMOS, PTP support**

# Dimensions

1RU x 190mm x 395mm  
1RU x 7.48in x 15.55in



# 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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