

OMNISTREAM™ PRO VS R-TYPE

	OmniStream Pro	OmniStream R-Type
Applications	Commercial AV	Commercial and residential AV
Typical installation environments	Corporate, education, government, medical, and enterprise	Retail, restaurants, bars, hospitality, offices, and residences
Video resolutions	VESA, SD, HD, 4K/UHD	VESA, SD, HD, 4K/UHD
Video compression	SMPTE VC-2 (graphics & fast motion optimized)	SMPTE VC-2 (fast motion optimized)
Latency (encode-to-decode)	<0.5 frame; 8 ms for 60 Hz video	<0.5 frame; 8 ms for 60 Hz video
Content protection	HDCP 2.2	HDCP 2.2
Device powering	PoE or local powering	PoE (local powering also available for encoder)
Dual-channel encoding	√ (single-channel encoder also available)	√
HDR (HDR10, Dolby Vision, HLG)	√	√
RS-232 or IR control pass-through	√	√
Video wall processing	√	√
Logo and image display	√	√
Scrolling text display	√	√
AES67 audio over IP	√	√
Selectable AES-128 encryption	√	√
IEEE 802.1x	√	
Streaming redundancy features	√	
SMPTE 2022 FEC (forward error correction)	√	
Variable bit rate control	√	
Encoder grouping with auto-input switching	√	
Audio embedding & de-embedding	√	
Limited warranty	10 years	10 years

OmniStream Pro encoders and decoders are compatible with OmniStream R-Type Series when set for motion video optimization.

as of 11/08/2021

[LINK TO WEBSITE](#)