

LIVE CASINO STREAMING

Tech Art Live Encoder

Built for live casino studios: SDI capture and H.264 encoding on an NVIDIA GeForce RTX 5070 with 10–15 ms encoding latency, delivered directly into AWS over Direct Connect.



10–15 ms GPU encoding latency	SDI Broadcast-standard video input	H.264 Hardware-accelerated codec	AWS Direct Connect delivery
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Broadcast-grade capture

Blackmagic DeckLink Duo capture, SDI-only by design for clean, professional signal paths.

Direct cloud delivery

Streams go straight into AWS over Direct Connect, off the public internet.

Low-latency GPU encoding

H.264 encoded on the RTX 5070 at 10–15 ms, so every live table reaches players in real time.

Proprietary Tech Art hardware

Motherboard and cooling system designed by Tech Art for stable 24/7 operation.

Technical specifications

PLATFORM

Processor	AMD Ryzen 5
Memory	32 GB RAM
GPU	NVIDIA GeForce RTX 5070
Motherboard	Tech Art proprietary design
Cooling	Tech Art proprietary cooling system
Form factor	4U 19" rack-mount chassis

VIDEO INPUT

Capture card	Blackmagic DeckLink Duo
Interface	SDI only

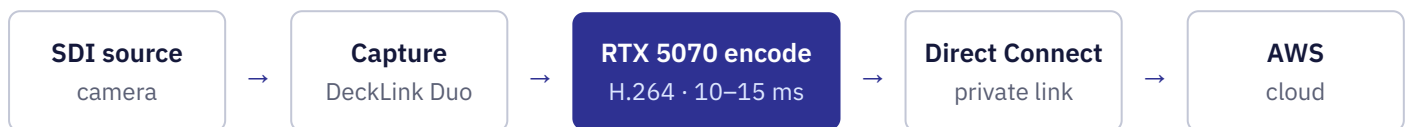
ENCODING

Codec	H.264
Acceleration	GPU hardware encoding (RTX 5070)
Encoding latency	10–15 ms
Live streams	2 streams (Full Table) or up to 50 streams (Chroma)

CONNECTIVITY & DELIVERY

Cloud delivery	AWS via Direct Connect
Availability	Immediate delivery, worldwide

Signal flow



Order or request a quote

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