



TERADEK

Live Production

Prism IP Transport Platform



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Current date

TERADEK

TERADEK

Plavins
Tera-tek Cloud
4K60-100

Prism Highlights

HECV

AVC

422 420

10 and 8 bit

HDR

16-channel audio

Ancillary data

INTEROPERABLE

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Prism Models

Prism Flex

Small portable CODEC for desktop and fixed remote workflows
One external 5G Modem via LEMO 5-pin USB

Prism Mobile

Available in V or Gold mount for camera back
Prism Mobile Backpack supports
4 external 5G Modems via LEMO 5-pin USB

Prism Rack

1U chassis with 3 blades
2U chassis with 9 blades
Bidirectional 877 CODEC

Prism Jetpack

Complete bonding backpack with 8 integrated 5G Modems
Return Video decoder with integrated 7" 1000 NIT LCD touch display
4-channel synchronous encoder
3-hour integrated batter
V or Gold mount plate

Benefits

INTEROPERABILITY

Reliability

Ease of use

Compact

Durable

Workflows

Field Bonded

Fixed Infrastructure

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- AVC Interlaced CBR Interoperability - including 422 10-bit !!

INTEROPERABILITY

- HEVC 422 10-bit encoding
- 16 channel audio encode and decode
- Legacy MPEG Audio encode and decode, necessary for

INTEROPERABILITY

- Closed Caption support **INTEROPERABILITY**
- Two (2) frame 1080 P glass to glass latency for Prism links (does not include bonding or Core workflows)
- Two frame latency **INTEROPERABILITY**
- 12G SDI and HDMI 2.2 IO interfaces
- High Dynamic Range (HDR10/HLG)
- SCTE 104>35 on Encoder (License required) **INTEROPERABILITY**
- SCTE 35 >104 Decoder (License required) **INTEROPERABILITY**
- Encoder with optional return video Decode concurrently (License required)
- De-bonding option for direct bonded Encoder <> Decoder links (License required)
- Five routes from the encoder (License required)
- UDP/RTP Transport Stream, SRT, RIST, RTSP, RTMP, HLS, DASH, WEBRTC, Core (Stream and File), Camera to Cloud



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