

T2 4K SERIES

4K/HD Digital Recorder/Players



T2 4K digital recorder/players models bring 4K DCI, 4K UHD or full high-definition capture and playback to the video professional.

The T2™ 4K digital recorder/players from Grass Valley® are 4K DCI, 4K UHD or HD/SD audio/video playout centers.

The front-panel transport controls have the look and feel of a traditional VTR. In 4K mode (DCI or UHD), one record or one output channel supports 4K content. In HD/SD mode one record and two output channels support SD and HD content.

The crisp, clear LCD front panel can display high-quality images

and is complemented by a software application suite for managing and selecting media clips, clip editing and trimming, and playout – including playlist creation.

Featuring rear-panel video/audio/remote/LTC connectivity, T2 4K can also accept files via USB 3.0, or by data transfer over a standard Gigabit Ethernet network, including Grass Valley HQX, XAVC, XAVC S, XDCAM, P2, AVC-ULTRA, Apple ProRes 422, Avid DNxHR, Avid DNxHD and MPEG-2 files.

Further, T2 4K digital recorder/players can be controlled by video production switchers, presentation mixers and audio mixers – to create a powerful presentation system. Every T2 4K has two playout HD/SD channels for independent editing and previewing, or for delivering content to two different display systems simultaneously, useful for edge-blending and displaying 3D content.

		T2 4K Elite			T2 4K Pro			T2 4K Express		
		12G	Plus		12G	Plus		6G	Plus	
		KTR4A-ELT-12G-PKG*1 (KTR4A-ELT-CV00, KTR4-IO-CV12G-KIT)	KTR4A-ELT-CV80-PKG*1 (KTR4A-ELT-CV00, KTR4-IO-CV80-KIT)	KTR4A-ELT-CV40	KTR4A-PRO-12G-PKG*1 (KTR4A-PRO-CV00, KTR4-IO-CV12G-KIT)	KTR4A-PRO-CV80-PKG*1 (KTR4A-PRO-CV00, KTR4-IO-CV80-KIT)	KTR4A-PRO-CV40	KTR4A-EXP-12G-PKG*1 (KTR4A-EXP-CV00, KTR4-IO-CV12G-KIT)	KTR4A-EXP-CV80-PKG*1 (KTR4A-EXP-CV00, KTR4-IO-CV80-KIT)	KTR4A-EXP-CV40
IO Mode		[4K] 1 in 0 out, [4K] 0 in 1 out, [HD/SD] 3 in 0 out*2, [HD/SD] 2 in 1 out*2, [HD/SD] 1 in 2 out, [HD/SD] 0 in 3 out*2						[4K] 1 in 0 out, [4K] 0 in 1 out, [HD/SD] 2 in 1 out*2, [HD/SD] 1 in 2 out		
		[4K] 1 in 1 out (up to 30p), [4K] 0 in 2 out (up to 30p)					–			
		[4K] 0 in 2 out (Key/Fill)*2	–	[4K] 0 in 2 out (Key/Fill)*2		–	[4K] 0 in 2 out (Key/Fill)*2		–	
Storage	System	M.2 SSD 64 GB								
	Data	SSD 2 TB (RAID-0)			HDD 2 TB (RAID-0)					
Power supply unit		Redundant PSU			Single PSU					
Media card reader		SD, SD UHS-II, Compact Flash, 2.5-inch SSD bay			–					
Supported capture formats		[4K/HD/SD] Grass Valley HQX (AVI, MXF), [HD/SD] Sony XDCAM (MXF)*3, [HD/SD] Apple ProRes 422 (MXF)*2,3, [HD/SD] Avid DNxHD (MXF)*2,3								
4K DCI/4K UHD		60p, 59.94p, 50p, 30p, 29.97p, 25p, 24p, 23.98p						30p, 29.97p, 25p, 24p, 23.98p		
HD 1080		60p, 59.94p, 50p, 59.94i, 50i, 30p, 29.97p, 25p, 24PsF, 23.98PsF, 24p, 23.98p						59.94i, 50i, 30p, 29.97p, 25p, 24PsF, 23.98PsF, 24p, 23.98p		
HD 720		60p, 59.94p, 50p, 29.97p, 25p, 24p, 23.98p								
SD		59.94i, 50i								
SDI		12G-SDI x4 (BNC)	3G-SDI x8 (DIN 1.0/2.3)	SDI x4 (BNC)*4	12G-SDI x4 (BNC)	3G-SDI x8 (DIN 1.0/2.3)	SDI x4 (BNC)*4	6G-SDI x4 (BNC)	SDI x8 (DIN 1.0/2.3)	SDI x4 (BNC)*4

*1 The 12G/6G/Plus models must be built with the I/O Card Kit (SDI x8 or 12G-SDI x4) installed into the T2 unit by a reseller in the field.

*2 Need to install the v3.4.5 firmware (or later).

*3 Only available in [HD/SD] 1 in 2 out mode.

*4 These are shared by input and output in 4K mode.

Key Features

Recorder/Player

- 4K (2160p) ingest support (4K: 1 in 0 out mode)
- 4K (2160p) playback support (4K: 0 in 1 out mode)
- 4K (2160p – up to 30p) ingest and playback support (4K: 1 in 1 out mode) (*Elite 12G and Elite Plus only*)
- 4K (2160p – up to 30p) playback support (4K: 0 in 2 out mode) (*Elite 12G and Elite Plus only*)
- 4K (2160p) Key/Fill (Alpha) playback support (4K: 0 in 2 out Key/Fill mode) (*Elite 12G, Pro 12G, Express 6G, Elite Plus, Pro Plus and Express Plus only*)
- HD (1080p) ingest and playback support (HD: 1 in 2 out mode, HD: 2 in 1 out mode)
- HD (1080p) ingest support (HD: 3 in 0 out mode) (*Elite and Pro only*)
- HD (1080p) playback support (HD: 0 in 3 out mode) (*Elite and Pro only*)
- HD 2 channel synchronizes playback for key/fill rolls, edge blend displays, multiscreen and 3D applications
- Chasing playback while ingesting (HD/SD)
- Supports 720p to 1080p/i real-time crossconversion
- Direct ingest to external media/storage device
- Scheduled recording
- Ancillary data recording and playback
- E-to-E mode
- Video monitor output and on-screen display
- NDI IP input/output support

Import/Export

- Native import/playback for most standard formats
- Multicodec support (transcoding to Grass Valley HQX AVI) for most standard and broadcast formats
- FTP transfer rate limited to maintain playback performance
- Watch folder transfers
- Export to Sony XDCAM drive (U1/U2)

Editing

- Direct access to a media folder with EDIUS and the ability to edit a growing file – AVI (Grass Valley HQX) and MXF (Grass Valley HQX/XDCAM/Apple ProRes/Avid DNxHD) (*Elite only*)
- Export a growing AVI (Grass Valley HQX) file via CIFS
- Export a growing MXF (Grass Valley HQX/XDCAM/Apple ProRes/Avid DNxHD) file via FTP/CIFS
- Import from Final Cut Pro in QuickTime format using the free Grass Valley HQ codec for Mac onto an exFAT HDD
- Convert and CIFS export from AVI (Grass Valley HQX) to MXF (Grass Valley HQX/XDCAM/Apple ProRes/Avid DNxHR/Avid DNxHD) or MOV (Apple ProRes)

Front Panel

- Easy-to-use front panel interface and jog/shuttle

Workstation

- Workstation mode included as standard
- Simple on-the-fly editing, including trimming, mark in/out, markers with comments, basic transition effects and insertion of placeholders for playlists
- Transition effect (cross dissolve) when manually switching to another clip event in a playlist
- Keyboard shortcuts and mouse customization on workstation

Remote

- Synchronized playback using LTC input (Timecode chasing)
- Synchronized playback for multiple T2s using GPI input/RS-422
- Integration support for third-party control (BVW, VDCP, GPIO and AMP)

Device

- SDI embedded audio (8 channels)
- Robust design – engineered to withstand punishing live event and mobile production environments
- ASIO audio input/output support
- 2SI/SQD input/output via Quad 3G-SDI (*Elite Plus, Elite, Pro Plus and Pro only*)
- Redundant power supply (*Elite only*)
- Media card reader (*Elite only*) – SD, SD (UHS-II), CF, 2.5-inch SSD

Maintenance

- Full data backup and restore feature
- Monitoring using watchdog timer (Hardware/Software)



Workstation mode.

Specifications

Description

4K/HD Recorder/Player

Model Number

T2 4K Elite: KTR4A-ELT-CV40

T2 4K Pro: KTR4A-PRO-CV40

T2 4K Express: KTR4A-EXP-CV40

T2 4K Elite Plus: KTR4A-ELT-CV00 + KTR4-IO-CV80-KIT

T2 4K Pro Plus: KTR4A-PRO-CV00 + KTR4-IO-CV80-KIT

T2 4K Express Plus: KTR4A-EXP-CV00 + KTR4-IO-CV80-KIT

T2 4K Elite 12G: KTR4A-ELT-CV00 + KTR4-IO-CV12G-KIT

T2 4K Pro 12G: KTR4A-PRO-CV00 + KTR4-IO-CV12G-KIT

T2 4K Express 6G: KTR4A-EXP-CV00 + KTR4-IO-CV12G-KIT

Mode

T2 4K Elite/Pro:

4K: 1 in 0 out

4K: 0 in 1 out

HD/SD: 3 in 0 out

HD/SD: 2 in 1 out

HD/SD: 1 in 2 out

HD/SD: 0 in 3 out

T2 4K Express:

4K: 1 in 0 out

4K: 0 in 1 out

HD/SD: 2 in 1 out

HD/SD: 1 in 2 out

T2 4K Elite 12G/Elite Plus:

4K: 1 in 0 out

4K: 0 in 1 out

4K: 1 in 1 out (up to 30p)

4K: 0 in 2 out (up to 30p)

4K: 0 in 2 out (Key/Fill)

HD/SD: 3 in 0 out

HD/SD: 2 in 1 out

HD/SD: 1 in 2 out

HD/SD: 0 in 3 out

T2 4K Pro Plus/Pro 12G:

4K: 1 in 0 out

4K: 0 in 1 out

4K: 0 in 2 out (Key/Fill)

HD/SD: 3 in 0 out

HD/SD: 2 in 1 out

HD/SD: 1 in 2 out

HD/SD: 0 in 3 out

T2 4K Express Plus/Express 6G:

4K: 1 in 0 out

4K: 0 in 1 out

4K: 0 in 2 out (Key/Fill)

HD/SD: 2 in 1 out

HD/SD: 1 in 2 out

Storage

System:

M.2 SSD

64 GB

Data:

T2 4K Elite/Elite Plus/Elite 12G: SSD (RAID-0), 2 TB

T2 4K Pro/Pro Plus/Pro 12G: HDD (RAID-0), 2 TB

T2 4K Express/Express Plus/Express 6G: HDD (RAID-0), 2 TB

Capacity:

3.5 hours: 4K DCI (4096x2160) 59.94p @ Grass Valley HQX (1.2 Gb/s)

7.5 hours: 4K DCI (4096x2160) 29.97p @ Grass Valley HQX (600 Mb/s)

3.5 hours: 4K UHD (3840x2160) 59.94p @ Grass Valley HQX (1.2 Gb/s)

7.5 hours: 4K UHD (3840x2160) 29.97p @ Grass Valley HQX (600 Mb/s)

14 hours: HD (1920x1080) 59.94p @ Grass Valley HQX (300 Mb/s)

28 hours: HD (1920x1080) 59.94i @ Grass Valley HQX (150 Mb/s)

72 hours: HD (1920x1080) 59.94i @ XDCAM HD422 (50 Mb/s)

150 hours: HD (1440x1080) 59.94i @ XDCAM HD (35 Mb/s)

Power Supply Unit

T2 4K Elite/Elite Plus/Elite 12G: Redundant PSU

T2 4K Pro/Pro Plus/Pro 12G: Single PSU

T2 4K Express/Express Plus/Express 6G: Single PSU

Media Card Reader

T2 4K Elite/Elite Plus/Elite 12G: SD, SD UHS-II, Compact Flash, 2.5 inch SSD bay

Video Input Format

Format Support: 4K DCI, 4K UHD, HD, SD

Connector (Elite/Pro/Express): BNC (3G/HD-SDI) x4 (shared with video output)

Connector (Elite Plus/Pro Plus/Express Plus): DIN 1.0/2.3 (3G/HD-SDI) x8 (shared with video output)

Connector (Elite 12G/Pro 12G): BNC (12G/6G/3G/HD-SDI) x4 (shared with video output)

Connector (Express 6G): BNC (6G/HD-SDI) x4 (shared with video output)

Connector: LAN (NDI)

Codec (4K DCI/4K UHD):

AVI — Grass Valley HQX

MXF — Grass Valley HQX

Codec (HD/SD):

AVI — Grass Valley HQX

MXF — Grass Valley HQX, XDCAM (HD422/HD/IMX/DV), ProRes (422 HQ/422/422 LT/422 Proxy), DNxHD (220/145/100/36)

Bit rate (Grass Valley HQX):

Up to 1.2 Gb/s (4K DCI/4K UHD 60/59.94/50)

Up to 600 Mb/s (4K DCI/4K UHD 30/29.97/25/24/23.98)

Up to 300 Mb/s (1080p 60/59.94/50)

Up to 150 Mb/s (HD, SD)

Resolution/frame rate (Elite/Elite Plus/Elite 12G/Pro/Pro Plus/Pro 12G):

[4K DCI] 4096x2160p (60p, 59.94p, 50p, 30p, 29.97p, 25p, 24p, 23.98p)

[4K UHD] 3840x2160p (60p, 59.94p, 50p, 30p, 29.97p, 25p, 24p, 23.98p)

[HD] 1920x1080p (60p, 59.94p, 50p, 30p, 29.97p, 25p, 24p, 23.98p), 1920x1080i (59.94i, 50i), 1920x1080PsF (24PsF, 23.98PsF), 1440x1080p (29.97p, 25p, 24p, 23.98p), 1440x1080i (59.94i, 50i), 1440x1080PsF (24PsF, 23.98PsF), 1280x720p (60p, 59.94p, 50p)

[SD] 720x486i (59.94i), 720x576i (50i)

Resolution/frame rate (Express/Express Plus/Express 6G):

[4K DCI] 4096x2160p (30p, 29.97p, 25p, 24p, 23.98p)

[4K UHD] 3840x2160p (30p, 29.97p, 25p, 24p, 23.98p)

[HD] 1920x1080p (30p, 29.97p, 25p, 24p, 23.98p), 1920x1080i (59.94i, 50i), 1920x1080PsF (24PsF, 23.98PsF), 1440x1080p (29.97p, 25p, 24p, 23.98p), 1440x1080i (59.94i, 50i), 1440x1080PsF (24PsF, 23.98PsF), 1280x720p (60p, 59.94p, 50p)

[SD] 720x486i (59.94i), 720x576i (50i)

Video Output Format

Format Support: 4K DCI, 4K UHD, HD, SD

Connector (Elite/Pro/Express): BNC (3G/HD-SDI) x4 (shared with video input)

Connector (Elite Plus/Pro Plus/Express Plus): DIN 1.0/2.3 (3G/HD-SDI) x8 (shared with video input)

Connector (Elite 12G/Pro 12G): BNC (12G/6G/3G/HD-SDI) x4 (shared with video input)

Connector (Express 6G): BNC (6G/HD-SDI) x4 (shared with video input)

Connector: LAN (NDI)

Codec (4K DCI/4K UHD):

AVI — Grass Valley HQX, Grass Valley Lossless*, Grass Valley Uncompressed*

MXF — H.264/AVC*, Grass Valley HQX, ProRes (422 HQ/422/422 LT/422 Proxy), DNxHR (HQ, SQ, LB)

QuickTime — ProRes (422 HQ/422/422 LT/422 Proxy), ProRes4444*, Grass Valley HQX

MP4 — H.264/AVC

XAVC — 4K Intra (480*/300*), QFHD Intra (480*/300*), QFHD Long422 (200*/140*/100*), QFHD Long (150/100/60)

XAVC S — H.264/AVC

P2 — AVC-Intra 4K (422*)

Windows Media — Windows Media Video*

Still Image — Targa*, Windows Bitmap*, JPEG*, TIFF*, PNG*, GIF*, DPX*, YUV Bitmap*

Specifications (cont.)

Codec (HD/SD):

AVI – Grass Valley HQX, Grass Valley HQ, Grass Valley Lossless*, Grass Valley Uncompressed*, DVCPRO HD, DVCPRO50, DVCPRO25, DV

MXF – MPEG-2, H.264/AVC, ProRes (422 HQ/422/422 LT/422 Proxy), DNxHD (220x, 220/145/100/36), Grass Valley HQX, Grass Valley HQ, DVCPRO HD, DVCPRO50, DVCPRO25, DV, D10/IMX, JPEG2000*

QuickTime – ProRes (422 HQ/422/422 LT/422 Proxy), ProRes 4444*, XDCAM (HD422/HD), XDCAM EX, H.264*, MPEG-4*, Grass Valley HQX, Grass Valley HQ, DVCPRO HD*, DVCPRO 50*, DVC-PRO 25*, DV*, Motion JPEG*, Uncompressed*

MP4 – H.264/AVC

XDCAM – XDCAM HD422, XDCAM HD, XDCAM IMX, XDCAM DV, XDCAM EX

XAVC – HD Intra (200, 100, 50), HD Long422 (50/35/25)

XAVC S – H.264/AVC

P2 – AVC-LongG (50/25/12), AVC-Intra (200/100/50), DVCPRO HD, DVCPRO 50, DVCPRO, DV

AVCHD – H.264/AVC

MPEG-2 – PS*, TS*

Windows Media – Windows Media Video*

GXF – Grass Valley HQ**, MPEG-2 (Intra Frame)**, H.264/AVC (Intra Frame)**, DVCPRO HD**, DVCPRO 50**, DVCPRO**, DV**

Still Image – Targa*, Windows Bitmap*, JPEG*, TIFF*, PNG*, GIF*, DPX*, YUV Bitmap*

Note: Some codecs are able to output in one channel only

* Transcode to AVI (Grass Valley HQX) when importing

** Rewrap to MXF when importing

Bit rate (Grass Valley HQX):

Up to 1.2 Gb/s (4K DCI/4K UHD 60/59.94/50)
Up to 600 Mb/s (4K DCI/4K UHD 30/29.97/25/24/23.98)
Up to 300 Mb/s (1080p 60/59.94/50)
Up to 150 Mb/s (HD, SD)

Resolution/frame rate (Elite/Pro):

[4K DCI] 4096x2160p (60p, 59.94p, 50p, 30p, 29.97p, 25p, 24p, 23.98p)
[4K UHD] 3840x2160p (60p, 59.94p, 50p, 30p, 29.97p, 25p, 24p, 23.98p)
[HD] 1920x1080p (60p, 59.94p, 50p, 30p, 29.97p, 25p, 24p, 23.98p), 1920x1080i (59.94i, 50i), 1920x1080PsF (24PsF, 23.98PsF), 1280x720p (60p, 59.94p, 50p)
[SD] 720x486i (59.94i), 720x576i (50i)

Resolution/frame rate (Express):

[4K DCI] 4096x2160p (30p, 29.97p, 25p, 24p, 23.98p)
[4K UHD] 3840x2160p (30p, 29.97p, 25p, 24p, 23.98p)
[HD] 1920x1080p (30p, 29.97p, 25p, 24p, 23.98p), 1920x1080i (59.94i, 50i), 1920x1080PsF (24PsF, 23.98PsF), 1280x720p (60p, 59.94p, 50p)
[SD] 720x486i (59.94i), 720x576i (50i)

Audio Input Format

Input digital: SDI embedded audio (8 ch)

Input digital: NDI audio (8ch)

Audio Output Format

Output digital: SDI embedded audio (8 ch)

Output digital: NDI audio (8ch)

Monitor output: BNC x2 (for L ch/R ch) (shared with timecode output)

Headphone: Stereo jack x1

Timecode

Input: BNC x1

Output: BNC x2 (shared with audio monitor output)

Reference

Input (Elite/Pro/Express/Elite 12G/Pro 12G/Express 6G): BNC x1 (analog blackburst or HD tri-level sync)

Input (Elite Plus/Pro Plus/Express Plus): DIN 1.0/2.3 x1 (analog blackburst or HD tri-level sync)

Remote Control

GPIO: D-Sub 25-pin x1 (8 in 8 out)

RS-422 (BVW): RS-422 (D-Sub 9-pin) for controller x1

RS-422 (BVW/VDCP): RS-422 (D-Sub 9-pin) for device x3

Network: VDCP, AMP (Advanced Media Protocol)

LAN: RJ45 x 2 (10Base-T/100Base-TX/1000Base-T)

USB:

USB 3.0 x6 (Front x2, Rear x4)

USB 2.0 x4 (Rear x4)

PC Display

DisplayPort x1

DVI-D x1

(DisplayPort and DVI-D cannot be used at the same time)

Mechanical Specifications

Dimensions (W x D x H): 430 x 550 x 140 mm (16.9 x 21.6 x 5.5 in.)

Weight: 16.5 kg (36.4 lbs.)

Operating Temperature: 5°C to 35°C (41°F to 95°F)

Operating Relative Humidity: Max. 80% (non-condensing)

Electric Power Consumption

Up to 200W

T2 4K Series

KTR4A-ELT-CV40

T2 4K Elite

- 2 TB usable SSD storage: 1 TB SSD x2 (RAID-0)
- 4K DCI/4K UHD (up to 60p/50p) and HD 1080 (up to 60p/50p)
- Media card reader bay: SD, SD (UHS-II), CF, 2.5-inch SSD
- Redundant power supply unit
- Direct access to internal storage (CIFS)

Package Contents

- T2 4K Elite unit
- T2 4K read me first
- AC power supply cable x6 (NA/JP x2, UK x2, EMEA x2)
- Registration card for the T2

KTR4A-PRO-CV40

T2 4K Pro

- 2 TB usable HDD storage: 1 TB HDD x2 (RAID-0)
- 4K DCI/4K UHD (up to 60p/50p) and HD 1080 (up to 60p/50p)
- Single power supply unit

Package Contents

- T2 4K Pro unit
- T2 4K read me first
- AC power supply cable x3 (NA/JP x1, UK x1, EMEA x1)
- Registration card for the T2

KTR4A-EXP-CV40

T2 4K Express

- 2 TB usable HDD storage: 1 TB HDD x2 (RAID-0)
- 4K DCI/4K UHD (up to 30p/25p) and HD 1080 (up to 30p/25p or 59.94i/50i)
- Single power supply unit

Package Contents

- T2 4K Express unit
- T2 4K read me first
- AC power supply cable x3 (NA/JP x1, UK x1, EMEA x1)
- Registration card for the T2

T2 4K Series (No I/O card)

KTR4A-ELT-CV00

T2 4K Elite (No I/O card)

- Requires T2 4K I/O Card Kit (KTR4-IO-CV80-KIT or KTR4-IO-CV12G-KIT)
- 2 TB usable SSD storage: 1 TB SSD x2 (RAID-0)
 - 4K DCI/4K UHD (up to 60p/50p) and HD 1080 (up to 60p/50p)
 - Media card reader bay: SD, SD (UHS-II), CF, 2.5-inch SSD
 - Redundant power supply unit
 - Direct access to internal storage (CIFS)

Package Contents

- T2 4K Elite unit (No I/O card)
- T2 4K read me first
- AC power supply cable x6 (NA/JP x2, UK x2, EMEA x2)
- Registration card for the T2

KTR4A-PRO-CV00

T2 4K Pro (No I/O card)

- Requires T2 4K I/O Card Kit (KTR4-IO-CV80-KIT or KTR4-IO-CV12G-KIT)
- 2 TB usable HDD storage: 1 TB HDD x2 (RAID-0)
 - 4K DCI/4K UHD (up to 60p/50p) and HD 1080 (up to 60p/50p)
 - Single power supply unit

Package Contents

- T2 4K Pro unit (No I/O card)
- T2 4K read me first
- AC power supply cable x3 (NA/JP x1, UK x1, EMEA x1)
- Registration card for the T2

KTR4A-EXP-CV00

T2 4K Express (No I/O card)

- Requires T2 4K I/O Card Kit (KTR4-IO-CV80-KIT or KTR4-IO-CV12G-KIT)
- 2 TB usable HDD storage: 1 TB HDD x2 (RAID-0)
 - 4K DCI/4K UHD (up to 30p/25p) and HD 1080 (up to 30p/25p or 59.94i/50i)
 - Single power supply unit

Package Contents

- T2 4K Express unit (No I/O card)
- T2 4K read me first
- AC power supply cable x3 (NA/JP x1, UK x1, EMEA x1)
- Registration card for the T2

KTR4-IO-CV80-KIT

T2 4K I/O Card Kit (SDI x8)

To be ordered together with T2 4K Series (No I/O card) to build the T2 4K Plus Series. Available commonly for KTR4A-ELT-CV00, KTR4A-PRO-CV00 and KTR4A-EXP-CV00. Must be installed in the field by a reseller.

KTR4-IO-CV12G-KIT

T2 4K I/O Card Kit (12G-SDI x4)

To be ordered together with T2 4K Series (No I/O card) to build the T2 4K 12G/6G Series. Available commonly for KTR4A-ELT-CV00, KTR4A-PRO-CV00 and KTR4A-EXP-CV00. Must be installed in the field by a reseller.

Option

600476

iDDR2-RACK-W – T2 Rackmount Kit

Rackmount kit for T2 4K Series