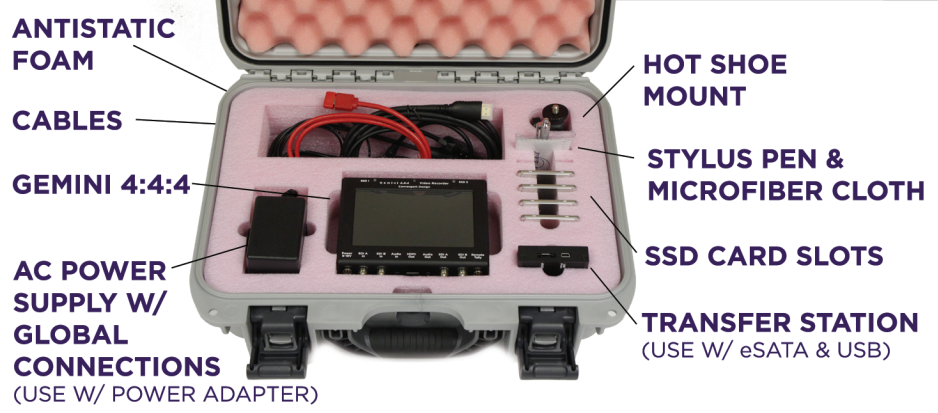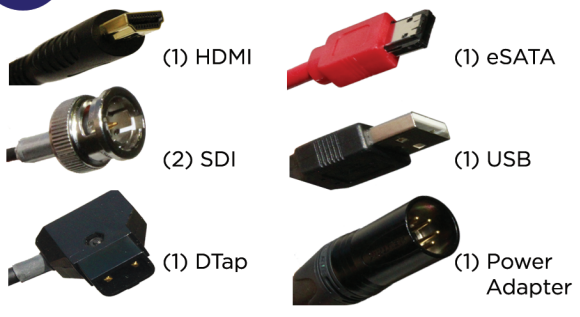# GEMINI 4:4:4 QUICK START GUIDE

You will need to register your Gemini to activate the unit. Read these instructions before using your product.

1 Identify

(1) HDMI

(2) SDI

(1) DTap

(1) eSATA

(1) USB

(1) Power Adapter

- ANTISTATIC FOAM
- CABLES
- GEMINI 4:4:4
- AC POWER SUPPLY W/ GLOBAL CONNECTIONS (USE W/ POWER ADAPTER)
- HOT SHOE MOUNT
- STYLUS PEN & MICROFIBER CLOTH
- SSD CARD SLOTS
- TRANSFER STATION (USE W/ eSATA & USB)

2 Register

1 Please visit www.gemini444.com and click 'Register', or scan the QR code with your smart phone or iPad.

2 Fill out the brief form. This information is used to keep you updated with free firmware updates.
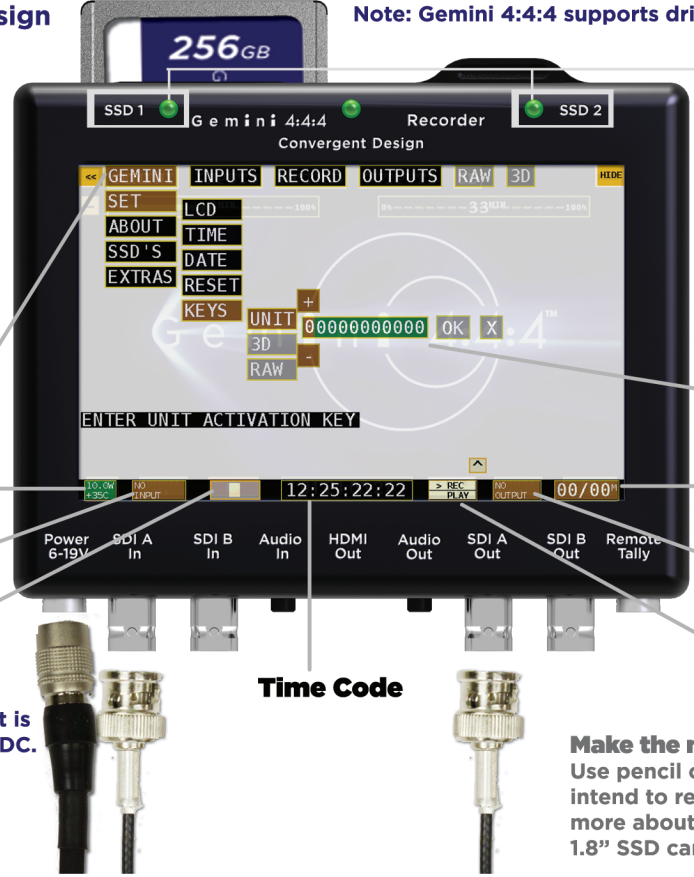
3 Capture and record your activation key. This key is unique to your unit, and must be entered to activate the unit.

Record Activation Key

Only Convergent Design SSD cards will work.

Note: SSD cards must be formatted in the Gemini only, and before initial record to card.

WARNING: UNRECOVERABLE! Formatting the SSD irreversibly removes all data.

Note: Gemini 4:4:4 supports drive spanning. You can record to SSD 1 or 2.

256GB

SSD 1   Gemini 4:4:4   Recorder   SSD 2
Convergent Design

<< GEMINI INPUTS RECORD OUTPUTS RAW 3D   HIDE
SET   LCD
ABOUT   TIME
SSD'S   DATE
EXTRAS   RESET
KEYS   UNIT + 00000000000 OK X
3D
RAW -

ENTER UNIT ACTIVATION KEY

10.0W +35C   NO INPUT   12:25:22:22 > REC PLAY   NO OUTPUT   00/00ᴹ

Power 6-19V | SDI A In | SDI B In | Audio In | HDMI Out | Audio Out | SDI A Out | SDI B Out | Remote Tally

SSD Status - Color Indicators
- 🟡 Drive needs to be formatted within the Gemini.
- ⚪ Drive is completely full and can be played back or formatted for a new record.
- 🟢 Drive is ready to record.
- 🟠 SSD is initializing.
- 🔵 Drive is currently playing back.
- 🔴 Drive is currently recording. **DO NOT REMOVE SSD's during Recording or Playback!**

Enter Activation Key

Remaining Record Time SSD 1 / SSD 2

Output Indicator

Mode Switch Arrow indicates Rec or Play Mode

Gemini Menu System Tap to reveal menu options

Internal Power / Temp

Input Indicator

Record / Play / Stop Button Toggle between Mode to change

Time Code

WARNING: Power input is limited to 6-19 Volt DC.

Make the most of your SSD Card: Use pencil on the back label if you intend to reuse your card! Learn more about Convergent Design 1.8" SSD cards here!

3 Connect

1 Connect the power supply to the Gemini.

2 Gemini will turn on. Proceed with activation.

3 Enter Key; Click 'OK'.

4 Connect SDI cables.

4 Media

1 Open the SSD door and gently insert the SSD card(s), with label facing you.

WARNING: DO NOT REMOVE THE POWER, OR EITHER SSD CARD, DURING RECORD OR PLAYBACK.

5 Record / Playback

1 Press the red Record Button.

2 Press the blue Stop Button that replaces the record button during record.

3 Press the Mode Switch to toggle between Play/Record Mode.

6 Transfer

1 Connect the USB (for power only) and the provided eSATA (for data transfer) and copy data to computer.

GEMINI 4:4:4 REC/PLAY MODE

Record Mode

Play Mode

SSD 1 Gemini 4:4:4 Recorder SSD 2
Convergent Design

GEMINI | INPUTS | RECORD | OUTPUTS | RAW | 3D | HIDE

1:1 PIXEL
APPLY LUT

10.0W +35C | 1080P24 4:4:4 | 12:25:22:22 | > REC > PLAY | 1080P24 4:4:4 | 17/17ⁿ

SYS Status Indicators

- 🟢 Ready for Record
- 🔴 Recording
- 🔵 Play Mode

Viewing Quick Keys

1:1 Pixel Map
Apply LUT

Note: Viewing LUTs are not applied to recorded material.

Power 6-19V | SDI A In | SDI B In | Audio In | HDMI Out | Audio Out | SDI A Out | SDI B Out | Remote Tally

System Status | Input Status | Record / Stop Button — Record Trigger | Record Status | Mode Switch (Record) | Output Status | SSD Remaining Record Time SSD 1 / SSD 2

Status Buttons
Tap any status key to bring up a detailed status window.

Action Buttons

SSD 1 Gemini 4:4:4 Recorder SSD 2
Convergent Design

GEMINI | INPUTS | RECORD | OUTPUTS | RAW | 3D | HIDE

APPLY LUT

10.0W +35C | | > | 12:25:22:22 | > REC > PLAY | 1080P24 4:4:4 | PLAY LAST CLIP

Power 6-19V | SDI A In | SDI B In | Audio In | HDMI Out | Audio Out | SDI A Out | SDI B Out | Remote Tally

System Status | Play / Pause Button | Time Code | Mode Switch (Play) | Output Status | Play Status

GEMINI 4:4:4 FEATURE LIST

INITIAL RELEASE

- Video Record and Playback of:
  1080p23.98 4:2:2 / 4:4:4
  1080p25 4:2:2 / 4:4:4
- DPX RGB 4:4:4 File Format
- RGB 4:4:4 input via HD-SDI Dual Link
- One Built-in S-Log Viewing LUT, Enabled Via Menu Option
- 256/512GB SSD Support (Convergent Design SSD's Only)
- Record Triggers: LCD Button and/or HD-SDI Incrementing Time Code
- 1:1 Pixel Mapping Mode onto 800x480 LCD Monitor
- SSD Drive Spanning

NEAR TERM

- Two-Channel Embedded Audio Record / Playback
- 1080p29.97 Support
- Playback Control
- 3D (paid upgrade)
- Remote Record Trigger

FUTURE

- 1080p50/59.94, 720p50/59.94, 2048x1080p23.98
- HDMI Out, Analog Audio I/O, LTC I/O
- Time–Lapse, Over/Under Crank
- ARRIRAW (paid upgrade)
- Programmable LUTS
- Metadata
- HD-SDI Record Triggers
- Power Save Mode

For additional Resources, visit www.Gemini444.com / www.convergent-design.com,
or contact Support at 720.221.3861 / 719.930.1376 / 803.278.0941.