

# Quick Start Guide – GV Payout/Ingest Appliance (GVSP-DEPE-R640-UHD)

This Quick Start Guide identifies the resources available to help you install and configure a new GV Payout/Ingest Appliance.

Configuration and usage information is provided in following documents in the Documentation Library on the *Grass Valley web site* ([www.grassvalley.com](http://www.grassvalley.com))

- iTX Output Server 2 Channel Configuration Guide
- iTX System Administrator Guide
- iTX Desktop Operator Guide
- iTX Release Notes

## Contents of the shipping package

The GV Payout/Ingest Appliance shipping package should contain the items listed below. Please verify the completeness and condition of all parts before installation. If any damage occurred during transport, or if any items are missing from the package, please contact Grass Valley immediately.

- GV Payout/Ingest Appliance chassis (1)
- Rack mounting kit [rail units (6), brackets and screws]
- Power cords (2)
- USB iTX license dongle (1) (Only included with the ITX-HW-DONGLE option)
- DisplayPort to DVI adapter (1) (Only included with the GVSP-OPT-P4000 option)

## Installation of the GV Payout/Ingest Appliance chassis

Included in the shipping package is a rack mounting kit that allows you to install the GV Payout/Ingest Appliance chassis into an equipment rack. Before installing the chassis, we recommend that you read the “Getting Started Guide” and “Rail Installation Guide” for the Dell PowerEdge R640, which is available at [Dell.com](http://Dell.com).

## GV Payout/Ingest Appliance cabling

The following diagrams identify cabling options for GV Payout/Ingest Appliances equipped with either an IP network adapter card or an SDI video card. If the unit is equipped with an optional graphics card, connect the graphics monitor or KVM switch to the graphics card port instead of the VGA port.

GV Payout/Ingest Appliance with a network adapter card and optional graphics card



GV Payout/Ingest Appliance with a SDI video card and optional graphics card



- |                                   |                                |
|-----------------------------------|--------------------------------|
| ① Power cords                     | ⑤ Ethernet (RJ45)              |
| ② Keyboard and Mouse (KVM Switch) | ⑥ SDI Video In, Out, Reference |
| ③ Graphic monitor or KVM Switch   | ⑦ Ethernet (SFP28)             |
| ④ iTX License Dongle              |                                |

## System Specifications

Summary of the product and technical specifications for the GV Payout/Ingest Appliance unit.

<b>Chassis dimensions</b>	<ul style="list-style-type: none"> <li>• Form: 1RU (rackmount unit)</li> <li>• Height: 1.68" (42.8 mm)</li> <li>• Width: 17.08" (434.0 mm)</li> <li>• Depth: 29.83" (757.75 mm)</li> <li>• Weight: 48.28 lbs (21.9 kg)</li> </ul>
<b>Processors</b>	2 Intel® Xeon® Gold 6240 Processors
<b>Memory</b>	192 GB main memory
<b>System disk storage</b>	240 GB SSD RAID1
<b>Media Cache storage (optional)</b>	7 TB of usable SSD RAID 5 storage (GVSP-OPT-SSD)
<b>Network Adapter Card (optional)</b>	Mellanox ConnectX®-5 EN (GVSP-OPT-CX5-25)
<b>SDI Video I/O (optional)</b>	AJA Corvid 44 (ITX-HW-CORVID44) or AJA Corvid 88 (ITX-HW-CORVID88)
<b>Graphics Card (optional)</b>	NVIDIA Quadro P4000 (GVSP-OPT-NV-P4000)
<b>Power consumption</b>	<ul style="list-style-type: none"> <li>• Number of power supplies: 2</li> <li>• AC input voltage: 100-240 V, 50/60 Hz</li> <li>• Input current: 6.8 A-2.83 A</li> <li>• Input power: 680 W max.</li> </ul>
<b>Temperature</b>	Ambient temperature: 35° C (95° F) Note: Maximum internal temperature within the rack in which the GV Payout/Ingest Appliance unit is installed.
<b>Operating system</b>	Microsoft® Windows® Server 2016 for Embedded Systems
<b>On-board controllers/ports</b>	<ul style="list-style-type: none"> <li>• USB 3.0 ports (2 on front, 2 on rear)</li> <li>• iDRAC9 dedicated network port (1)</li> <li>• Serial COM port (1)</li> <li>• VGA monitor port (1 front &amp; 1 rear)</li> <li>• Network I/O:               <ul style="list-style-type: none"> <li>• Chassis: 4 x RJ45 Ethernet ports [1 Gb (2 on right) / 10 Gb (2 on left)]</li> <li>• Optional Network Adapter Card: 2 x SFP28 Ethernet ports (10/25 Gb)</li> </ul> </li> <li>• Optional SDI Video card I/O:               <ul style="list-style-type: none"> <li>• Corvid 44: 5 DIN (SDI In/Out and Reference)</li> <li>• Corvid 88: 9 DIN (SDI In/Out and Reference)</li> </ul> </li> <li>• Optional Graphics card: NVIDIA Quadro P4000: DisplayPort 1.4 (4)</li> </ul>

## Contact Grass Valley Technical Support

For technical assistance, contact our international support center, at 1-800-547-8949 (US and Canada) or +1 514 333 1772.

To obtain a local phone number for the support center nearest you, please consult the Product Support section of Grass Valley's web site, at <http://www.grassvalley.com/support/contact>.

An online form for e-mail contact is also available from the web site.