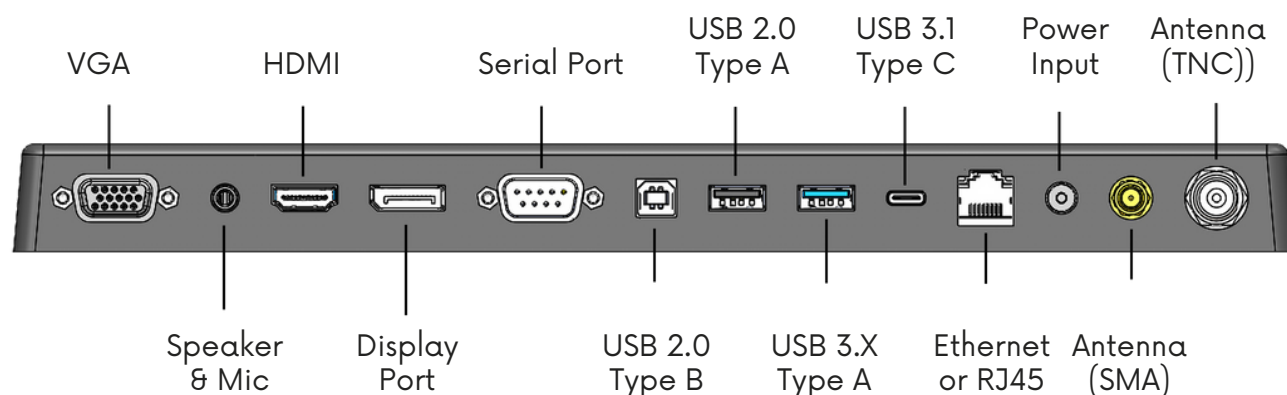


GETAC SPEEDS & FEEDS





THE INS & OUTS OF DOCKING STATIONS



VGA	Video Graphics Array(VGA) port: analog signal for video
Speaker & Mic	Audio ports: analog signal for audio: green=audio out; pink=microphone in
HDMI	High Definition Multimedia Interface: digital signal for audio & video
Display Port	Digital signal for audio & video
Serial Port	RS232 port, analog signal to connect peripherals
USB 2.0 Type B	Digital signal, transmission rate of 480 Mbps; B type rectangle connector
USB 2.0 Type A	Digital signal, transmission rate of 480 Mbps; A type rectangle connector
USB 3.X Type A	Digital signal, transmission rate of 5 Gbps; A type of rectangle connector
USB 3.1 Type C	Digital signal, transmission rate of 5 Gbps; C type of rectangle connector
Ethernet	RJ45 port: analog & digital signals, transmission rate of 100 Mbps to Gbps
Power Input	Barrel connector: transfer 10-12v electrical current
Antenna (SWA)	Coaxial RF 1/4" female connector with external threads: mobile & Wifi
Antenna (TNC)	Coaxial RF 7/16" female connector with external threads: mobile & Wifi

Havis Docking Station

FULLY RUGGED F110

DS-GTC-220

GETAC
SELECT



Rugged Tablet Solution

- Low profile, lightweight and compact design
- Port replication with integrated cable management
- Triple Pass-Thru Antenna Connections (Optional)
- External Power Supply (Optional)
- Bundles available for convenient solutions

PART NUMBER	ETHERNET	USB 2.0	USB 3.0	HDMI	VGA	SERIAL	POWERED SERIAL	DISPLAY PORT	SPEAKER / MIC	POWER INPUT	PASS-THRU ANT	ANT TYPE	EXT POWER	INT POWER
DS-GTC-221	1	3 REAR	1 REAR	1	1	2			1 EACH	19V*				
DS-GTC-221-3	1	3 REAR	1 REAR	1	1	2			1 EACH	19V*	TRIPLE	SMA		
DS-GTC-222	1	3 REAR	1 REAR	1	1	2			1 EACH	19V			LPS-140	
DS-GTC-222-3	1	3 REAR	1 REAR	1	1	2			1 EACH	19V	TRIPLE	SMA	LPS-140	
DS-GTC-223														
DS-GTC-223-3											TRIPLE	SMA		
DS-GTC-226													LPS-140	
DS-GTC-226-3											TRIPLE	SMA	LPS-140	

* Requires an external Getac authorized DC power supply

SPECIFICATIONS

Height: 10.3-in (26.2 cm)
Width: 13-in (33.0 cm)
Depth: 3.2-in (8.1 cm)
Weight: 2.75 lbs (1.25 kg)
Mounting: VESA 75

CERTIFICATIONS & TESTING

CE Certified; RoHS Compliant
Vibration Testing: MIL-STD 810H 514.8
Impact Test: Crash Simulation per SAE J1455
Cycle Test: Latch Tested 30,000 cycles
Environmental Testing: Hot/Cold Operation & Storage, Thermal Shock

Havis Docking Station

FULLY RUGGED V110

DS-GTC-310

GETAC
SELECT



Rugged Laptop Solution

- Low profile, lightweight and flexible design
- Port replication with integrated strain relieving
- Triple Pass-Thru Antenna Connections (Optional)
- External Power Supply (Optional)
- Bundles available for convenient solutions

PART NUMBER	ETHERNET	USB 2.0	USB 3.0	HDMI	VGA	SERIAL	POWERED SERIAL	DISPLAY PORT	SPEAKER / MIC	POWER INPUT	PASS-THRU ANT	ANT TYPE	EXT POWER	INT POWER
DS-GTC-311	1	3 REAR	1 REAR	1	1	2			1 EACH	19V*				
DS-GTC-311-3	1	3 REAR	1 REAR	1	1	2			1 EACH	19V*	TRIPLE	SMA		
DS-GTC-312	1	3 REAR	1 REAR	1	1	2			1 EACH	19V			LPS-116	
DS-GTC-312-3	1	3 REAR	1 REAR	1	1	2			1 EACH	19V	TRIPLE	SMA	LPS-116	
DS-GTC-313														
DS-GTC-313-3											TRIPLE	SMA		
DS-GTC-315													LPS-116	
DS-GTC-315-3											TRIPLE	SMA	LPS-116	

* Requires an external Getac authorized DC power supply

SPECIFICATIONS

Height: 2.8-in (7.1 cm)
 Width: 11.8-in (29.9 cm)
 Depth: 11.0-in (27.9 cm)
 Weight: 5.1 lbs (2.3 kg)
 Mounting: Bracket fits most motion devices

CERTIFICATIONS & TESTING

CE Certified; RoHS Compliant
 Vibration Testing: MIL-STD 810G 514.8
 Impact Test: Crash Simulation per SAE J1455
 Cycle Test: Latch Tested 30,000 cycles
 Environmental Testing: Hot/Cold Operation & Storage

Havis Docking Station

FULLY RUGGED T800

DS-GTC-410

GETAC
SELECT



Rugged Tablet Solution

- Low profile, lightweight and flexible design
- Port replication with integrated strain relieving
- Triple Pass-Thru Antenna Connections (Optional)
- External Power Supply (Optional)
- Bundles available for convenient solutions

PART NUMBER	ETHERNET	USB 2.0	USB 3.0	HDMI	VGA	SERIAL	POWERED SERIAL	DISPLAY PORT	SPEAKER / MIC	POWER INPUT	PASS-THRU ANT	ANT TYPE	EXT POWER	INT POWER
DS-GTC-411	1		2 REAR			1				19V*				
DS-GTC-411-3	1		2 REAR			1				19V*	TRIPLE	SMA		
DS-GTC-412	1		2 REAR			1				19V			LPS-116	
DS-GTC-412-3	1		2 REAR			1				19V	TRIPLE	SMA	LPS-116	
DS-GTC-413														
DS-GTC-413-3											TRIPLE	SMA		

* Requires an external Getac authorized DC power supply

SPECIFICATIONS

Height: 8.1-in (20.7 cm)
Width: 7.0-in (17.8 cm)
Depth: 3.5-in (8.9 cm)
Weight: 1.6 lbs (0.7 kg)
Mounting: VESA 75

CERTIFICATIONS & TESTING

CE Certified; RoHS Compliant
Vibration Testing: MIL-STD 810G 514.8
Impact Test: Crash Simulation per SAE J1455
Cycle Test: Latch Tested 30,000 cycles
Environmental Testing: Hot/Cold Operation & Storage

Havis Docking Station

FULLY RUGGED S410

DS-GTC-610

GETAC
SELECT



Rugged Laptop Solution

- Low profile, lightweight and flexible design
- Port replication with integrated strain relieving
- Triple Pass-Thru Antenna Connections (Optional)
- External Power Supply (Optional)
- Bundles available for convenient solutions

PART NUMBER	ETHERNET	USB 2.0	USB 3.0	HDMI	VGA	SERIAL	POWERED SERIAL	DISPLAY PORT	SPEAKER / MIC	POWER INPUT	PASS-THRU ANT	ANT TYPE	EXT POWER	INT POWER
DS-GTC-611	1	3 REAR	1 REAR	1	1	1			1 EACH	19V*				
DS-GTC-611-3	1	3 REAR	1 REAR	1	1	1			1 EACH	19V*	TRIPLE	SMA		
DS-GTC-613														
DS-GTC-613-3											TRIPLE	SMA		
DS-GTC-617	1	3 REAR	1 REAR	1	1	1			1 EACH	19V			LPS-140	
DS-GTC-617-3	1	3 REAR	1 REAR	1	1	1			1 EACH	19V	TRIPLE	SMA	LPS-140	
DS-GTC-618													LPS-140	
DS-GTC-618-3											TRIPLE	SMA	LPS-140	

* Requires an external Getac authorized DC power supply

SPECIFICATIONS

Height: 2.4-in (6.2 cm)
 Width: 14.1-in (35.7 cm)
 Depth: 11.8-in (30.0 cm)
 Weight: 5.1 lbs (2.3 kg)
 Mounting: Bracket fits most motion devices

CERTIFICATIONS & TESTING

CE Certified; RoHS Compliant
 Vibration Testing: MIL-STD 810G 514.8
 Impact Test: Crash Simulation per SAE J1455
 Cycle Test: Latch Tested 30,000 cycles
 Environmental Testing: Hot/Cold Operation & Storage

Havis Docking Station

FULLY RUGGED Z710 & ZX70

DS-GTC-710

GETAC
SELECT



Rugged Tablet Solution

- Low profile, lightweight and flexible design
- Port replication with integrated strain relieving
- Dual Pass-Thru Antenna Connections (Optional)
- External Power Supply (Optional)
- Bundles available for convenient solutions

PART NUMBER	ETHERNET	USB 2.0	USB 3.0	HDMI	VGA	SERIAL	POWERED SERIAL	DISPLAY PORT	SPEAKER / MIC	POWER INPUT	PASS-THRU ANT	ANT TYPE	EXT POWER	INT POWER
DS-GTC-711**	1	2 REAR		1		1			SPEAKER	12V*				
DS-GTC-711-2**	1	2 REAR		1		1			SPEAKER	12V*	DUAL	SMA		
DS-GTC-712**	1	2 REAR		1		1			SPEAKER	12V			LPS-164	
DS-GTC-712-2**	1	2 REAR		1		1			SPEAKER	12V	DUAL	SMA	LPS-164	
DS-GTC-714***	1	2 REAR				1			SPEAKER	12V*				
DS-GTC-714-2***	1	2 REAR				1			SPEAKER	12V*	DUAL	SMA		
DS-GTC-715***									SPEAKER	12V*				
DS-GTC-715-2***									SPEAKER	12V*	DUAL	SMA		
DS-GTC-716													LPS-164	
DS-GTC-716-2											DUAL	SMA	LPS-164	
DS-GTC-717***	1	2 REAR				1			SPEAKER	12V			LPS-164	
DS-GTC-717-2***	1	2 REAR				1			SPEAKER	12V	DUAL	SMA	LPS-164	
DS-GTC-718***									SPEAKER	12V			LPS-164	
DS-GTC-718-2***									SPEAKER	12V	DUAL	SMA	LPS-164	

* Requires an external Getac authorized DC power supply

** JAE Docking Connector

***POGO Docking Connector

SPECIFICATIONS

Height: 8.7-in (22.1 cm)
Width: 9.2-in (23.4 cm)
Depth: 2.9-in (7.4 cm)
Weight: 1.5 lbs (0.7 kg)
Mounting: VESA 75

CERTIFICATIONS & TESTING

CE Certified; RoHS Compliant
Vibration Testing: MIL-STD 810G 514.8
Impact Test: Crash Simulation per SAE J1455
Cycle Test: Latch Tested 30,000 cycles
Environmental Testing: Hot/Cold Operation & Storage

Havis Docking Station

FULLY RUGGED A140

DS-GTC-800

GETAC
SELECT



Rugged Tablet Solution

- Low profile, lightweight and flexible design
- Port replication with integrated strain relieving
- Triple Pass-Thru Antenna Connections (Optional)
- External Power Supply (Optional)
- Bundles available for convenient solutions

PART NUMBER	ETHERNET	USB 2.0	USB 3.0	HDMI	VGA	SERIAL	POWERED SERIAL	DISPLAY PORT	SPEAKER / MIC	POWER INPUT	PASS-THRU ANT	ANT TYPE	EXT POWER	INT POWER
DS-GTC-801	1	3 REAR	1 REAR	1	1	1			1 EACH	19V*				
DS-GTC-801-3	1	3 REAR	1 REAR	1	1	1			1 EACH	19V*	TRIPLE	SMA		
DS-GTC-802	1	3 REAR	1 REAR	1	1	1			1 EACH	19V			LPS-140	
DS-GTC-802-3	1	3 REAR	1 REAR	1	1	1			1 EACH	19V	TRIPLE	SMA	LPS-140	
DS-GTC-803														
DS-GTC-803-3											TRIPLE	SMA		
DS-GTC-806													LPS-140	
DS-GTC-806-3											TRIPLE	SMA	LPS-140	

* Requires an external Getac authorized DC power supply

SPECIFICATIONS

Height: 11.5-in (29.2 cm)
 Width: 12.2-in (31.0 cm)
 Depth: 3.2-in (8.1 cm)
 Weight: 5.6 lbs (2.5 kg)
 Mounting: Bracket fits most motion devices

CERTIFICATIONS & TESTING

CE Certified; RoHS Compliant
 Vibration Testing: MIL-STD 810G 514.8
 Impact Test: Crash Simulation per SAE J1455
 Cycle Test: Latch Tested 30,000 cycles
 Environmental Testing: Hot/Cold Operation & Storage

Havis Docking Station

FULLY RUGGED K120

DS-GTC-900

GETAC
SELECT



Rugged Tablet Solution

- Low profile, lightweight and flexible design
- Port replication with integrated strain relieving
- Triple Pass-Thru Antenna Connections (Optional)
- External Power Supply (Optional)
- Bundles available for convenient solutions

PART NUMBER	ETHERNET	USB 2.0	USB 3.0	HDMI	VGA	SERIAL	POWERED SERIAL	DISPLAY PORT	SPEAKER / MIC	POWER INPUT	PASS-THRU ANT	ANT TYPE	EXT POWER	INT POWER
DS-GTC-901	2	1 REAR 2 FRONT	3 REAR	1	1	1				19V*				
DS-GTC-901-3	2	1 REAR 2 FRONT	3 REAR	1	1	1				19V*	TRIPLE	SMA		
DS-GTC-902	2	1 REAR 2 FRONT	3 REAR	1	1	1				19V			LPS-140	
DS-GTC-902-3	2	1 REAR 2 FRONT	3 REAR	1	1	1				19V	TRIPLE	SMA	LPS-140	
DS-GTC-903														
DS-GTC-903-3											TRIPLE	SMA		
DS-GTC-906													LPS-140	
DS-GTC-906-3											TRIPLE	SMA	LPS-140	

* Requires an external Getac authorized DC power supply

SPECIFICATIONS

Height: 11.4-in (28.9 cm)
Width: 11.9-in (30.2 cm)
Depth: 3.7-in (9.4 cm)
Weight: 3.7 lbs (1.7 kg)
Mounting: VESA 75

CERTIFICATIONS & TESTING

CE Certified; RoHS Compliant
Vibration Testing: MIL-STD 810G 514.8
Impact Test: Crash Simulation per SAE J1455
Cycle Test: Latch Tested 30,000 cycles
Environmental Testing: Hot/Cold Operation & Storage

Havis Docking Station

FULLY RUGGED K120

DS-GTC-1000

GETAC
SELECT



Rugged Laptop Solution

- Low profile, lightweight and flexible design
- Port replication with integrated strain relieving
- Triple Pass-Thru Antenna Connections (Optional)
- External Power Supply (Optional)
- Bundles available for convenient solutions

PART NUMBER	ETHERNET	USB 2.0	USB 3.0	HDMI	VGA	SERIAL	POWERED SERIAL	DISPLAY PORT	SPEAKER / MIC	POWER INPUT	PASS-THRU ANT	ANT TYPE	EXT POWER	INT POWER
DS-GTC-1001	2	1 REAR 2 FRONT	3 REAR	1	1	1				19V*				
DS-GTC-1001-3	2	1 REAR 2 FRONT	3 REAR	1	1	1				19V*	TRIPLE	SMA		
DS-GTC-1002	2	1 REAR 2 FRONT	3 REAR	1	1	1				19V			LPS-140	
DS-GTC-1002-3	2	1 REAR 2 FRONT	3 REAR	1	1	1				19V	TRIPLE	SMA	LPS-140	
DS-GTC-1003														
DS-GTC-1003-3											TRIPLE	SMA		
DS-GTC-1006													LPS-140	
DS-GTC-1006-3											TRIPLE	SMA	LPS-140	

* Requires an external Getac authorized DC power supply

SPECIFICATIONS

Height: 11.7-in (29.7 cm)
 Width: 13.7-in (32.7 cm)
 Depth: 2.7-in (6.8 cm)
 Weight: 5.9 lbs (2.7 kg)
 Mounting: Bracket fits most motion devices

CERTIFICATIONS & TESTING

CE Certified; RoHS Compliant
 Vibration Testing: MIL-STD 810G 514.8
 Impact Test: Crash Simulation per SAE J1455
 Cycle Test: Latch Tested 30,000 cycles
 Environmental Testing: Hot/Cold Operation & Storage

Havis Docking Station

FULLY RUGGED UX10

DS-GTC-1100

GETAC
SELECT



Rugged Tablet Solution

- Low profile, lightweight and flexible design
- Port replication with integrated strain relieving
- Triple Pass-Thru Antenna Connections (Optional)
- External Power Supply (Optional)
- Bundles available for convenient solutions

PART NUMBER	ETHERNET	USB 2.0	USB 3.0	HDMI	VGA	SERIAL	POWERED SERIAL	DISPLAY PORT	SPEAKER / MIC	POWER INPUT	PASS-THRU ANT	ANT TYPE	EXT POWER	INT POWER
DS-GTC-1101	1	2 FRONT	2 REAR			1				19V*				
DS-GTC-1101-3	1	2 FRONT	2 REAR			1				19V*	TRIPLE	SMA		
DS-GTC-1102	1	2 FRONT	2 REAR			1				19V			LPS-140	
DS-GTC-1102-3	1	2 FRONT	2 REAR			1				19V	TRIPLE	SMA	LPS-140	
DS-GTC-1103														
DS-GTC-1103-3											TRIPLE	SMA		
DS-GTC-1106													LPS-140	
DS-GTC-1106-3											TRIPLE	SMA	LPS-140	

* Requires an external Getac authorized DC power supply

SPECIFICATIONS

Height: 9.7-in (24.5 cm)
Width: 11.1-in (28.3 cm)
Depth: 3.0-in (7.6 cm)
Weight: 2.8 lbs (1.3 kg)
Mounting: VESA 75

CERTIFICATIONS & TESTING

CE Certified; RoHS Compliant
Vibration Testing: MIL-STD 810G 514.8
Impact Test: Crash Simulation per SAE J1455
Cycle Test: Latch Tested 30,000 cycles
Environmental Testing: Hot/Cold Operation & Storage

Havis Docking Station

FULLY RUGGED B360 & B360 PRO

DS-GTC-1200

GETAC
SELECT



Rugged Tablet Solution

- One handed docking
- Two devices without adjustment
- Triple Pass-Thru Antenna Connections (Optional)
- External Power Supply (Optional)
- Bundles available for convenient solutions

PART NUMBER	ETHERNET	USB 2.0	USB 3.0	HDMI	VGA	SERIAL	POWERED SERIAL	DISPLAY PORT	SPEAKER / MIC	POWER INPUT	PASS-THRU ANT	ANT TYPE	EXT POWER	INT POWER
DS-GTC-1201	2	1 REAR 2 FRONT	3 REAR	1	1	1				19V*				
DS-GTC-1201-3	2	1 REAR 2 FRONT	3 REAR	1	1	1				19V*	TRIPLE	SMA		
DS-GTC-1202	2	1 REAR 2 FRONT	3 REAR	1	1	1				19V			LPS-140	
DS-GTC-1202-3	2	1 REAR 2 FRONT	3 REAR	1	1	1				19V	TRIPLE	SMA	LPS-140	
DS-GTC-1203														
DS-GTC-1203-3											TRIPLE	SMA		
DS-GTC-1206													LPS-140	
DS-GTC-1206-3											TRIPLE	SMA	LPS-140	

* Requires an external Getac authorized DC power supply

SPECIFICATIONS

Height: 2.54" (6.4 cm)
Width: 13.79" (35.0 cm)
Depth: 11.52" (29.3 cm)
Weight: 5.22 lbs (2.36 kg)
Mounting: Bracket fits most motion devices

CERTIFICATIONS & TESTING

E-Mark, CE Certified; RoHS Compliant
Vibration Testing: MIL-STD 810H 514.8
Impact Test: Crash Simulation per SAE J1455
Cycle Test: Latch Tested 30,000 cycles
Environmental Testing: Hot/Cold Operation & Storage

Havis Docking Station

FULLY RUGGED ZX10

DS-GTC-1300

GETAC
SELECT



Rugged Tablet Solution

- Low profile, lightweight & flexible design
- Port replication with integrated strain relieving
- Triple Pass-Thru Antenna Connections (Optional)
- External Power Supply (Optional)
- Bundles available for convenient solutions

PART NUMBER	ETHERNET	USB 2.0	USB 3.0	HDMI	VGA	SERIAL	POWERED SERIAL	DISPLAY PORT	SPEAKER / MIC	POWER INPUT	PASS-THRU ANT	ANT TYPE	EXT POWER	INT POWER
DS-GTC-1301		2 REAR							1	19V*				
DS-GTC-1301-3		2 REAR							1	19V*	TRIPLE	SMA		
DS-GTC-1302		2 REAR							1	19V			LPS-140	
DS-GTC-1302-3		2 REAR							1	19V	TRIPLE	SMA	LPS-140	
DS-GTC-1303														
DS-GTC-1303-3											TRIPLE	SMA		
DS-GTC-1306													LPS-140	
DS-GTC-1306-3											TRIPLE	SMA	LPS-140	

* Requires an external Getac authorized DC power supply

SPECIFICATIONS

Height: 9.7" (24.5 cm)
Width: 11.1" (28.3 cm)
Depth: 3.4" (8.6 cm)
Weight: 2.9 lbs (1.32 kg)
Mounting: VESA 75

CERTIFICATIONS & TESTING

E-Mark, CE Certified; RoHS Compliant
Vibration Testing: MIL-STD 810H 514.8
Impact Test: Crash Simulation per SAE J1455
Cycle Test: Latch Tested 30,000 cycles
Environmental Testing: Hot/Cold Operation & Storage, Humidity

Havis Docking Station

FULLY RUGGED S510 Laptop

DS-GTC-1400

GETAC
SELECT



Rugged Laptop Solution

- External power supply (optional)
- Compact design with one-handed docking & undocking
- Advanced port replication & cradle option available
- Triple pass-thru antenna connection (optional)
- Access to all buttons & ports when docked

PART NUMBER	HDMI	USB 2.0	USB 3.0	USB-C	ETHERNET	POWERED SERIAL	POWER INPUT	PASS-THRU ANT	ANT TYPE	EXT POWER
DS-GTC-1401	1	2 FRONT	2 REAR	1 REAR	1 REAR	5V	19V*			
DS-GTC-1401-3	1	2 FRONT	2 REAR	1 REAR	1 REAR	5V	19V*	TRIPLE	SMA	
DS-GTC-1402	1	2 FRONT	2 REAR	1 REAR	1 REAR	5V	19V			LPS-140
DS-GTC-1402-3	1	2 FRONT	2 REAR	1 REAR	1 REAR	5V	19V	TRIPLE	SMA	LPS-140
DS-GTC-1403										
DS-GTC-1403-3								TRIPLE	SMA	
DS-GTC-1406										LPS-140
DS-GTC-1406-3								TRIPLE	SMA	LPS-140
PKG-DS-GTC-1401	1	2 FRONT	2 REAR	1 REAR	1 REAR	5V	19V*			
PKG-DS-GTC-1401-3	1	2 FRONT	2 REAR	1 REAR	1 REAR	5V	19V*	TRIPLE	SMA	
PKG-DS-GTC-1402	1	2 FRONT	2 REAR	1 REAR	1 REAR	5V	19V			LPS-140
PKG-DS-GTC-1402-3	1	2 FRONT	2 REAR	1 REAR	1 REAR	5V	19V	TRIPLE	SMA	LPS-140
PKG-DS-GTC-1403										
PKG-DS-GTC-1403-3								TRIPLE	SMA	
PKG-DS-GTC-1404	1	2 FRONT	2 REAR	1 REAR	1 REAR	5V	19V*			
PKG-DS-GTC-1404-3	1	2 FRONT	2 REAR	1 REAR	1 REAR	5V	19V*	TRIPLE	SMA	

*Requires an external Getac-authorized DC power supply

SPECIFICATIONS

Height: 11.41" in (28.98 cm)
Width: 15.04" in (38.20 cm)
Depth: 3.4 in (8.6 cm)
Weight: 5.75 lb (2.59 kg)
Mounting: VESA 75

CERTIFICATIONS & TESTING

-Mark, CE Certified; RoHS Compliant
Vibration Testing: MIL-STD 810H 514.5
Impact Test: Crash Simulation per SAE J1455
Cycle Test: Latch Tested 30,000 cycles
Environmental Testing: Hot/Cold Operation & Storage Humidity



WHICH I/O DO I NEED FOR MY DOCKING STATIONS?

Port	Connector	Type	Audio	Video	Periph	Network	Camera	Power	Cell	GPS	WiFi
VGA	VGA	A/V		X							
Speaker & Mic	3.5 mm	A/V	X								
HDMI	HDMI	A/V	X	X							
Display Port	DisplayPort	A/V	X	X							
Serial	DB9	Data			X						
USB 2.0	Type B	Data			X						
USB 2.0	Type A	Data			X						
USB 3.X	Type A	Data			X						
USB 3.1	Type C	Data/Power			X			X			
Ethernet	RJ45	Network				X	X				
Power	Varies	Power						X			
Antenna SMA	SMA	Signal							X	X	X
Antenna TNC	TNC	Signal							X	X	X

WHAT IS PASS THROUGH ANTENNA? WHICH ONE DO I NEED?

"Pass through antenna" offers connectivity through the docking station instead of external devices. Pass through antennas are used to connect devices via cellular data, WiFi, SMC connector for radio, or GPS.

WHAT IS THE DIFFERENCE BETWEEN USB 2.0, 3.0 AND 3.1? WHAT IS CONNECTOR TYPE?

USB 3.1 is capable of 10Gbps, 3USB 3.0 5Gbps and USB 2.0 480 Mbps. The connector type refers to the shape. Connector A is rectangular, B type is square and C type is micro with bi-directional power.

WHAT IS THE DIFFERENCE BETWEEN SERIAL AND POWERED SERIAL PORTS?

Serial ports use a 9 pin connector to connect to peripherals like Bar Code Readers where data transfer is low. Powered serial ports assign 1 of the 9 pins to power the peripheral device.

WHAT IS THE DIFFERENCE BETWEEN VGA AND HDMI?

VGA connection offers display but requires a separate audio port for a full audio/video experience. HDMI integrates audio with a high definition video signal, thus fewer connections.

DO I NEED ETHERNET IN A MOBILE APPLICATION? IS ETHERNET STILL A VIABLE I/O?

Ethernet ports enable in-vehicle networking with other computers and external vehicle networking when paired with a mobile modem. Peripherals like video camera systems use Ethernet to transmit data.

WHAT IS THE DIFFERENCE BETWEEN A DOCKING STATION AND A CRADLE?

Docking stations offer port replication for a majority of the input/output connections on the device. A cradle does not offer electronics for connectivity, nor port replication.

WHAT IS THE DIFFERENCE BETWEEN BASIC AND ADVANCED PORT REPLICATION OPTIONS?

"Advanced" port replication will offer the fullest set of input/output for a given platform. "Basic" versions offer a reduced set for less demanding applications.



COMPLETE SOLUTIONS

RETAIL & HOSPITALITY
PUBLIC SAFETY
ENERGY & UTILITIES
WAREHOUSE & DISTRIBUTION

FIELD OPERATIONS
TRANSPORTATION & LOGISTICS
HEALTHCARE
MILITARY, DEFENSE & AEROSPACE

Havis is the leader in providing end-to-end rugged mobility solutions for demanding environments. We partner with leading automotive and technology companies to design innovative products that maximize productivity, safety, and quality.

1.800.524.9900 | 75 JACKSONVILLE ROAD, WARMINSTER, PA 18974

