GDS® View™
13.3" Touch Screen Monitor
RAM-GDS-MON-13-1

Owner's Manual

READ BEFORE INSTALLING

Thank you for choosing the GDS® View™ 13.3" touch screen monitor. This monitor is ideal for creating a mobile workstation that takes advantage of the GDS® Ecosystem™ for simultaneous video, data, and power capability. Read all instructions thoroughly before beginning installation.

For additional questions and concerns that may not be covered in this manual, please contact RAM® Mounts support at rammount.com/support.

Safety Precaution

Do not install this product near or over an airbag deployment area or in a location that obstructs the driver's vision or interferes with vehicle operation. National Products, Inc does not assume responsibility or liability for any such personal injury, death or property damage.

To see more mounting options, visit rammount.com | This document, including images, may not be reproduced partly or fully without the expressed written consent of National Products, Inc.

- Monitor must be connected to vehicle power using the included wiring, cabling and connectors.
- Avoid drops and spills.
- Do not use chemical solutions to clean this product. Wipe the screen with a clean, soft cloth to maintain.
- Do not use touch screen display while driving.
- Screen is not impact or scratch resistant. Use caution when touching the display with anything other than fingers.
- There is an anti-glare and fingerprint resistant film applied to the monitor. Take care to only clean monitor with non-abrasive/non-harsh cloths/cleaning solutions or damage to display may occur.

RAM® Mounts and National Products Inc. does not assume responsibility or liability for any such personal injury, death, or property damage.
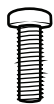
TOOLS REQUIRED

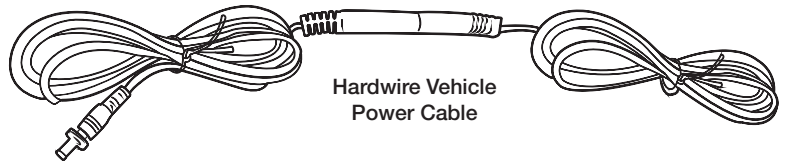| #2 Philips Screwdriver | Wire Cutters and Strippers | Terminal Crimpers | Zip ties (if not included) |

WHAT'S IN THE BOX
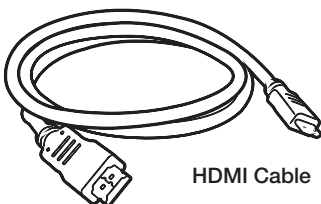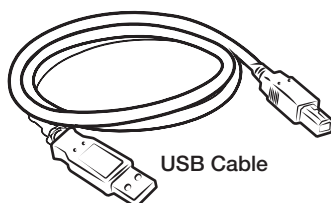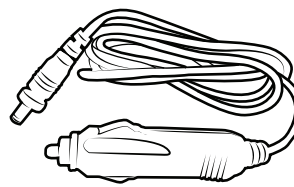

x4
#10-24
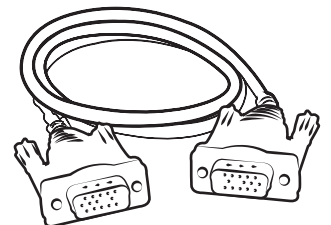Mounting Screws

x4
Flat Washers

x4
Lock Washers

Hardwire Vehicle Power Cable

HDMI Cable

USB Cable

Cigarette Power Cable

VGA Cable

TABLE OF CONTENTS

PRODUCT OVERVIEW

The GDS® View™ 13.3" touchscreen monitor lets you take the PC experience on the road. Featuring VESA hole patterns compatible with the RAM-2461U and RAM-D-2461U mounting plates, create a mobile workstation that takes advantage of the GDS® Ecosystem™ for data sync and charging capabilities. The GDS® View™ monitor has undergone MIL-STD-810G 514.5 vibration and MIL-STD810G 516.5 shock testing, ensuring performance in the most demanding environments. This two-point capacitive touchscreen monitor allows you to pinch, zoom, and select – and includes an anti-glare and anti-fingerprint treatment. Control buttons on the front of the monitor are easy to access, while a red monochrome night mode helps to reduce eyestrain. In addition, two integrated 2W speakers allow for audio. Includes HDMI, VGA, and USB Type-B to USB Type-A cables.
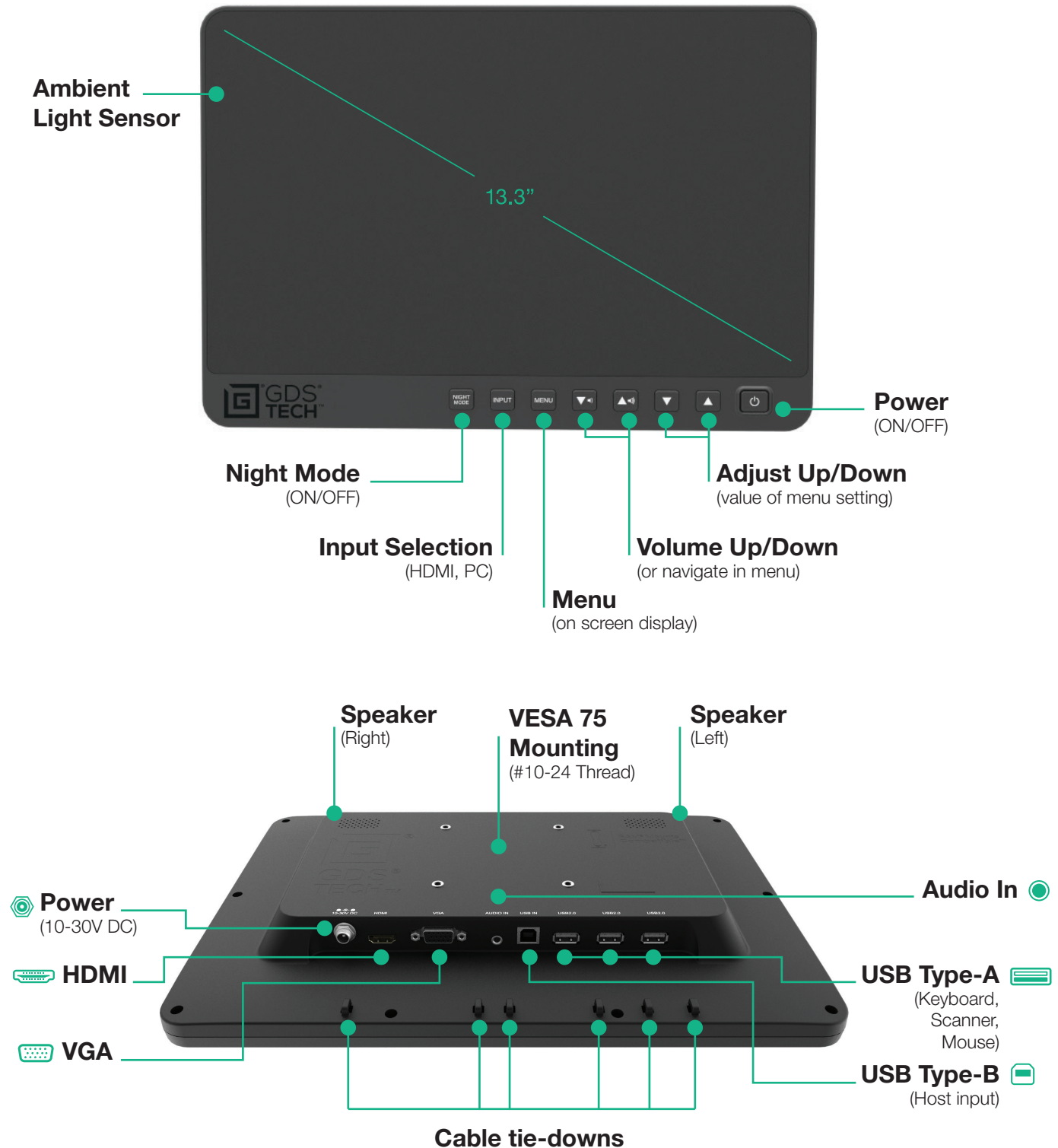
SPECIFICATIONS

Screen Size	13.3"
Screen Type	Anti-glare and Anti-fingerprint treatment applied on LCD
Max Resolution	1920 x 1080 high resolution
Aspect ratio	16:9
Tough Panel	2-point capacitive touch
Audio	(2) 2W Speakers
Brightness	800nits
Contrast ratio	1000:1 / Red monochrome night mode to reduce eye strain for night viewing
Mount Hole Pattern	75 x 75mm VESA
Compliance	Meets ISO-7637-2 Load Dump Compliance CE EMC - EU Directive 2014/30/EU & 2014/53/EU Directive EN 55032, EN 55035 CE-LVD - EC Council Directive of 2014/35/EU. EN 62368
Certifications	MIL-STD-810G 514.6 Vibration, MIL-810G 516.5 Shock Tested FCC, CE, IC, RCM, WEEE, e-Mark, ISO 7637-2, and RoHS
Warranty	1 year warranty
Operating Temp Range	-20°C - +60°C
Storage Temp Range	-20°C - +60°C
Input Voltage Range	10V-30V

MONITOR FUNCTIONS

Press Power Button to turn the power on/off of the monitor – Green back lighting when the power button is ON and video signal is being received from computing device. If the power button is not illuminated then the video signal has been lost or the button is on the OFF position. Ensure the computing source is configured properly to provide the required video signal to the corresponding video output (HDMI output or VGA output). It might be required to toggle the computing device video output to ensure proper signal assignment to the correct port. The Volume UP and DOWN buttons control the audio of the speakers inside the monitor when there is an audio source being provided (if audio input cable is connected to the computing device when using VGA) or when using HDMI.

Ambient Light Sensor

13.3"

Power (ON/OFF)

Night Mode (ON/OFF)

Adjust Up/Down (value of menu setting)

Input Selection (HDMI, PC)

Volume Up/Down (or navigate in menu)

Menu (on screen display)

Speaker (Right)

VESA 75 Mounting (#10-24 Thread)

Speaker (Left)

Power (10-30V DC)

Audio In

HDMI

USB Type-A (Keyboard, Scanner, Mouse)

VGA

USB Type-B (Host input)

Cable tie-downs

ON SCREEN MENU ICON GLOSSARY

*Some menu settings only available in specific monitor modes.

☀	Brightness
◐	Contrast
▮▮▮	Saturation (HDMI mode only)
▮▮▮	Tint (HDMI mode only)
▦	Phase (PC mode only)
▦	Clock (PC mode only) – Adjust screen to align clock with screen corner
▣	H-Position – Horizontal Position of Screen (PC Only)
▣	V-Position – Vertical Position of Screen (PC Only)
↔▣	OSD H-Position – Horizontal Position of On Screen Display
▣	OSD V-Position – Vertical Position of On Screen Display

⬀	Reset Adjustments
🌡	Color Temperature
	User – Activates Red, Green and Blue settings
	6500°K
	7500°K
	9300°K
▦	Red
▦	Green
▦	Blue
Äë	Language (English or Chinese)
→	Miscellaneous (Next Page)
12:34	OSD Duration – On Screen Display Duration
▭	Display Mode (4:3 or 16:9)
AUTO	Auto Adjusting – Ambient Light Sensor
🚶	Exit Menu

TOUCH SCREEN FUNCTIONALITY

This monitor supports two-point capacitive touch when used with devices that are compatible with a pointing peripheral (such as a mouse or cursor controller). To take advantage of this feature, your device must be connected to the monitor's USB Type-B input port, either directly or through a hub.

NIGHT MODE

When the GDS® View™ Monitor is in Night Mode, adjust the brightness of the screen using the "Adjust Up" and "Adjust Down" buttons.

Night Mode OFF

Night Mode Activated

Activate Night Mode

Adjust Brightness
▼ ▲

SETUP & MOUNTING INSTRUCTIONS

This monitor features a 75x75 VESA hole pattern that is compatible with a range of RAM® Mounts components, allowing you to secure the GDS® View™ touch screen monitor and additional peripherals such as the GDS® Keyboard™.

Visit rammount.com/gds-view to build your mount.

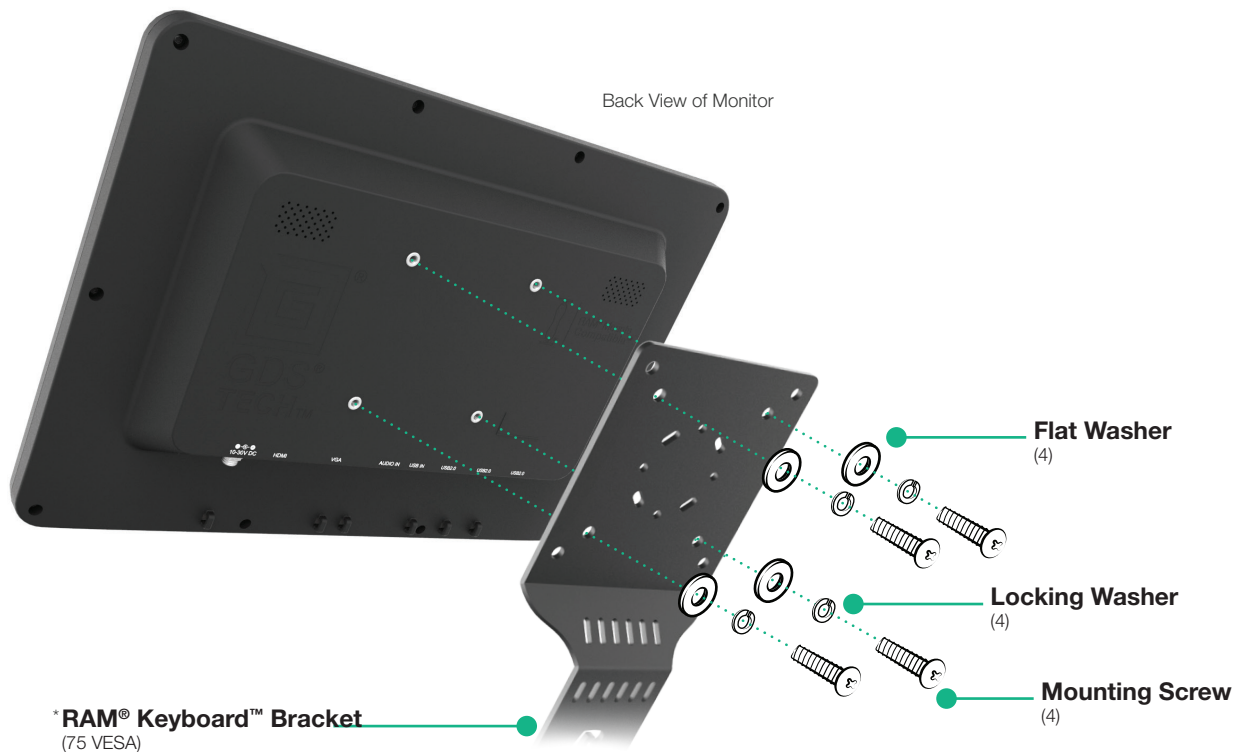RAM® Keyboard™ Brackets

RAM® Double Ball Mounts

RAM® No-Drill™ Vehicle Floor Mounts

HOW TO MOUNT *Mounting accessories not included

Back View of Monitor

Flat Washer
(4)

Locking Washer
(4)

Mounting Screw
(4)

*RAM® Keyboard™ Bracket
(75 VESA)

CONNECTING DEVICES

HDMI
(video input HDMI or VGA)

Power
(10-30V DC - Connect the 5.5mm threaded retaining power connector of the power cable that is best suited for your installation. Two different types are provided)

USB Type-B
(Connect USB output from computing source to the monitor USB input if using the hub functionality or the touch screen input)
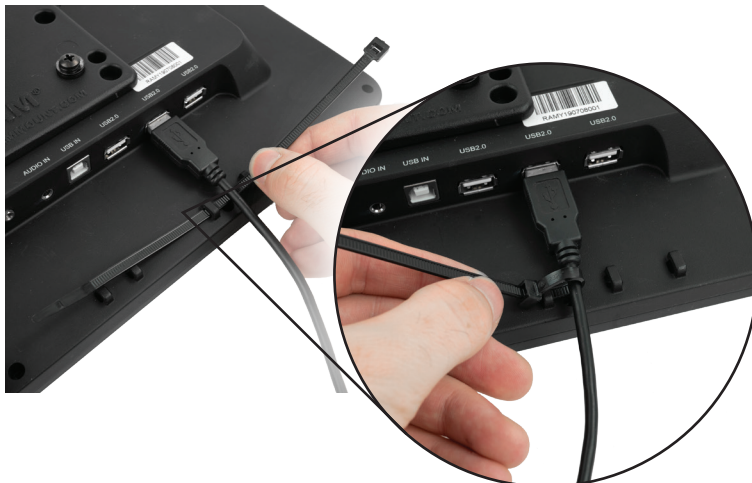

USB Type-A
(Connect USB output from keyboard, mouse and/or scanners to the monitor USB input)

CABLE RETENTION

Secure all cables with zip ties using the cable holder loops in the back housing.
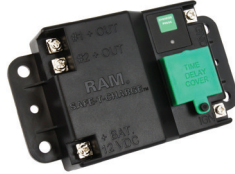
GDS® ECOSYSTEM™

The GDS® Ecosystem™ offers everything to keep your devices protected, connected, and charged in nearly any application. Ruggedized GDS® Technology™ pogo pins ensure compatibility across IntelliSkin® sleeves and GDS® Docks™, adapters, chargers, keyboards, speakers, monitors, and more. And most products in the GDS® Ecosystem™ are RAM® Mounts Compatible™, so you can rely on the RAM® double ball and socket system for adjustability, durability, and vibration damping.

USB 4.0   HDMI   USB Type-C

USB 3.0

Ethernet

RAM® Safe-T-Charge™
Battery Protection System

RAM-234-VCP1U

GDS® Hub™
centralize your peripherals

RAM-GDS-HUB-TYPEC-01

SAMSUNG DeX Compatible™

GDS® Vehicle Phone Dock
for phones with IntelliSkin®

RAM-GDS-DOCK-V1CU

GDS® View™
13.3" Touch Screen Monitor

GDS® Keyboard™
available with and without trackpad

RAM-KEY2-USB

RAM® No-Drill™ Vehicle Base
with RAM® Tele-Pole™ and swing arm system

RAM-VP-SW2F-45-2461
RAM-VB-202 (for '19-20 Ford Ranger & 2020 Explorer)

TROUBLESHOOTING

❶ The entire display is slightly zoomed in on the screen, cropping out the corners (HDMI mode).

Press and hold the Menu button for 2-3 seconds. The monitor will adjust the screen size to fit the entire display within the screen.

❷ The display is significantly misaligned to a point where adjusting the H-Position and V-Position is not enough (PC mode).

Press and hold the Menu button for 2-3 seconds. The monitor will re-calibrate the screen resolution with the device source.

❸ The monitor is powered on but the screen is black.

Make sure the VGA or HDMI cable is connected properly while using the correct power adapter included with the monitor.

❹ The screen is displaying the wrong colors.

Check that the cables are securely connected.

❺ For other issues, enter the menu and choose 🔲 to reset the monitor.

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