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Warnings

- Read the safety and operating instructions before using any Spartan Tool products. Drain and sewer cleaning can be dangerous if proper procedures are not followed and appropriate safety gear is not utilized. Read the engine owners manual for instruction and safety precautions on engine operation.

- Gasoline is extremely flammable and is explosive under certain conditions.
  - Refuel in a well ventilated area with the engine stopped. Do not smoke or allow flames or sparks in the area where the engine is refueled or where gasoline is stored.
  - Do not overfill the fuel tank (there should be no fuel in the filler neck). After refueling, make sure the tank cap is closed properly and securely.

- Before starting unit, be sure to wear personal protective equipment such as safety goggles or face shield and protective clothing such as gloves, coveralls or raincoat, rubber boots with metatarsal guards, and hearing protection.

- Carbon monoxide exhaust and/or gasoline fumes from this equipment can create a hazardous atmosphere in confined spaces (which may include, but are not limited to, manholes and septic tanks), closed garages or other areas which may not be properly ventilated. In particular, excess gasoline fumes can create an explosion hazard. Such hazardous atmospheres can cause death or severe injury. Do not operate this equipment in any confined space or area with inadequate ventilation. Operate this equipment only when located outdoors or in an open, well ventilated area.

- Insure the jet hose has been placed in the pipe (minimum of 6 feet suggested) before engaging the water pressure to prevent the hose from coming out of the pipe prematurely and causing injury.

- Always shut the water pressure off before pulling the hose out of the pipe. Mark the hose a minimum of 6 feet from the end to help insure the hose is not accidentally pulled out of the pipe while still under pressure. Shut off the water pressure when the hose mark is encountered.

- Never point the wash gun at anyone while operating the unit. Injury may result.

- Drains and sewer can carry bacteria and other infectious micro-organisms or materials which can cause death or severe illness. Avoid exposing eyes, nose, mouth, ears, hands and cuts and abrasions to waste water or other potentially infectious materials during drain and sewer cleaning operations. To further help protect against exposure to infectious materials, wash hands, arms and other areas of the body, as needed, with hot, soapy water and, if necessary, flush mucous membranes with water. Also, disinfect potentially contaminated equipment by washing such surfaces with a hot soapy wash using a strong detergent.

- For any questions contact the company at the address shown below.

“California Prop. 65: This product may contain an extremely small amount of lead in the coating. Lead is a material known to the State of California to cause cancer or reproductive toxicity.”
Spartan Traveler Features

16 GB IPAD WITH RETINA DISPLAY (note - iPad supplied with 64020000 only)

- 9.7-inch (diagonal) LED-backlit Multi-Touch display with IPS technology, for wider viewing angle and vivid color.
- 2048-by-1536 resolution at 264 pixels per inch (ppi)
- 16gig On-board memory
- Bluetooth 4.0 wireless technology
- Built-in 42.5-watt-hour rechargeable lithium-polymer battery
- Auto-sensing brightness control

16 GB Samsung Galaxy (note - Galaxy supplied with 64030000 only)

- 10.5” Super Amoled Display 2560 x 1600 resolution, for a more flexible display.
- 16 gig On-board memory
- Bluetooth 4.0 wireless technology
- Auto-sensing brightness control

CASE FEATURES

- Rugged molded design
- Telescoping handle
- Built-in wheels
- Totally enclosed, self contained circuitry
- Integrated power cord storage
- Easy access fuse protection
- Easy access push rod
- System dimensions: 22.5” x 26” x 12”

BATTERY

- Batteries can be charged at any time or power level
- Batteries can be charged from 110 / 220 Volt AC
- Fully charged batteries offer 4 hours of operation
Spartan Traveler Features

PUSH CABLE
- Kevlar reinforced cable jacket
- Abrasion resistant jacket 200 foot length
- Mounted in reel for ease of feed and retrieval

SELF-LEVELING COLOR CAMERA HEAD
- 1.375” diameter, 1.812” length
- 0.5 LUX sensitivity (without lights)
- 3.7 mm wide angle lens
- 768 Effective Pixel (horizontal), 494 Effective Pixel (vertical)
- Optical grade, scratch resistant, clear sapphire lens
- 15 fully adjustable super bright white LEDs
- Even light placement eliminates “hot spots”
- Heavy duty, machined housing
- Automatic self-leveling picture
- Remarkable picture clarity and focus in lines up to 6” diameter
- Operates in 1-1/2” straight runs, 3” sweeps and 90 degree bends

CUSTOM DESIGNED INTERFACE
- Simple one-press control buttons
- Movable/hideable on-screen distance counter
- Movable/hideable on-screen date/time box
- Reset option for distance counter
- LED camera light control
- Live on screen text typing plus drawing telestrator
- Quick snapshot feature for taking still images
- Easy access system options
- Application upgradeable via Apple software updates
- Communicate files with iPad’s built in sharing tools
- Built in product manual
- Add custom logo banner to recorded image

INCLUDED ACCESSORIES
- Ballistic Tough Jacket iPad case with 3-layer protection
- 4” Centering Guide
- Flex-link with 512 Hz beacon
Description

The system is composed of a miniature closed circuit television camera connected through a flexible push type cable. The video signal is transmitted to an iPad tablet interface via a wifi router. This unit operates on internal battery power or 110/220 Volt AC electrical current.
Description

Lid Latch

Telescoping Handle

Camera Storage

Push Rod Drum

200 ft Push Rod

15 High Intensity LED's

Centering Guide

Self Leveling Camera Head

Centering Guide Locking Ring
**Description**

**Trap-EZE (Optional)**

The Spartan Traveler has the ability to connect to the Trap-EZE mini reel. To use this feature, you will need to purchase a Spartan Trap-EZE which includes a 15’ patch cable to connect the reel to the Traveler.

**SETUP INSTRUCTION**

1. Turn the system power off.
2. Connect the Trap-EZE connector to the external reel connector.
3. Turn the system power on. The system will automatically switch to the Trap-EZE reel.
4. The unit is now ready for pipe inspection using the Trap-EZE.
Safety Instructions

**WARNING!**

Read the “operator’s manual” thoroughly before using any spartan tool product. Drain/sewer cleaning can be dangerous if proper procedures are not followed. How the proper operation, correct applications and the limitations of all spartan tool products **before** use.

---

**CAUTION!**

Use of any electrical equipment in a wet environment can cause fatal shock if equipment is not properly grounded, adequately maintained, and if care is not used by the operator.

---

**GROUNDING INSTRUCTIONS —**

Before charging your Spartan traveler, make sure it is properly grounded, using a three hole electrical outlet. If not, as in some older homes, use a three-prong adapter and connect the green pigtail (or grounding lug) to a known ground such as a cold water pipe. Never cut off the grounding prong for use in a two hole outlet receptacle. By doing so, you have cut off your protection from shock.

The Traveler must be grounded while charging or operating using the 110V power cord to protect the operator from electrical shock. The Traveler comes with a three-conductor cord and three-prong grounding type plug to fit the properly grounded receptacle. An adapter, see sketches (B) and (C), is available for connecting, sketch (A) type plugs, to a two-prong receptacle, except in Canada.

The green-colored rigid ear (or lug), extending from the adapter must be connected to a permanent ground such as a properly grounded outlet box.

**Don’t assume that all three-hole outlets are properly installed.** Check the outlet and also the adapter with an outlet testing device which quickly indicates if a ground is connected. Correct a faulty test indication before proceeding. The use if a Ground Fault Interrupter is the safest way to ensure protect against ground faults.
EXTENSION CORDS —
Plug the power cord attached to the Traveler directly into an inspected outlet. If an extension cord must be used, it must be of an approved three-wire type in good condition, equipped with a three-prong plug. Never cut off the grounding prong for use in a two hole outlet receptacle. By doing so you have cut off your protection from shock.

OUTDOOR EXTENSION CORDS —
When Spartan Tool equipment is used outdoors, use an extension cord intended for use outdoors and so marked.

AVOID ELECTRICAL CORD ABUSE —
Never move or lift Spartan Tool equipment by the cord. Do not yank cord at one end to disconnect it from the receptacle. Keep cord away from heat, oil and sharp edges to avoid damage. Always replace or repair damaged cords.

ALWAYS WEAR RUBBER BOOTS IN WET AREAS FOR ADDED PROTECTION

WARNING!
Spartan tool products must never be operated in an explosive environment.

CAUTION!
Avoid eye or skin contact with acids or caustic substances while inspecting drains/sewers.

Always wear safety goggles when inspecting drains/sewers to avoid eye injury.

Before beginning work, ask the customer if either acids of caustic substances are present in the pipe. If in doubt, litmus paper used in the opening of the pipe may give an indication of the type of substance in the line.

Exposure to acids or caustic substances can cause the push cable to become brittle. Continued exposure to caustic or acids may cause the push cables to break or become brittle in the drum, in the pipe, or when placing the cable back into the drum.
CAUTION!
Drains/sewers carry bacteria and the possibility of infectious disease exists, if exposed.
Always wear safety goggles and Spartan Tool riveted gloves with rubber gloves inside the riveted gloves to minimize exposure to infection from bacteria in pipes.
Avoid contact of pipe contents with ears, eyes, or mouth to lower the risk of infection.
Avoid exposing any cuts to drains/sewers and sewer inspecting equipment.
DO NOT SMOKE near open pipes.

CAUTION!
Follow all rules of safety and good housekeeping.
Keep work area clean.
Stay alert.
Place the unit and controls in a stable and accessible position for safe operation.
Properly store tools.
Keep children away from all equipment.
Use only recommended equipment and accessories. Maintain tools in original working condition.
Do not exceed limitation of equipment or accessories.
Always wear recommended safety gear.
Always lift with legs and not your back
1. Flip the lid up and lift the iPad to the desired viewing location.

2. Switch the power on to begin system boot up and turn on the tablet.

3. After the WiFi symbol appears in the tablet corner, wait 20 seconds for link to be made, and then press the Spartan Logo at the bottom of the tablet. (Refer to page 22, “iPad Use - Power Up” for additional information.)

4. After the Spartan Tool logo appears on the screen, the main screen overlay will appear.

5. Insert camera and push cable into the pipe opening.

6. Adjust the light intensity of the camera head by pressing the camera lights button and adjusting the intensity slider bar. (Refer to page A7, “iPad Use - Lights & Microphone” for additional information.)

7. To use the distance counter, tap the distance counter box in the upper right hand corner to open a small menu box. Press RESET to zero the counter. The display will read 0.00 f (feet) and 0.00 m (meters).

8. System is now ready for pipe inspection.

---

**NOTE:**

When pulling the push-cable out of the reel, the distance will increase. Pushing the push-cable back into the reel will cause the distance to decrease.

---

**NOTE:**

Please use Appendix A, “iPad Use” for a complete description of the Spartan Tool iPad Application.
• If you get stuck in a line, try to rotate the push-cable by hand first clockwise then counter-clockwise.

• The use of a lubricating agent on the push-cable itself can often increase the distance you are able to push the unit. Be certain to abide by all regulations regarding the use of oils (such as vegetable or mineral oils) or other lubricating additives down drain lines. Also, if a lubricating agent is being used, be sure to clean push-cable before it is loaded back into the system.

• Consider using a water repellant (such as Rain-X®) on the camera lens if you are experiencing fogging or water spotting on the camera lens in wet lines.

• If glare appears in the pipe, reduce the light intensity.
The Spartan Traveler is designed for easy maintenance and trouble free operation. Regular maintenance will prolong the life of the product. Follow these simple procedures:

- Do not store outdoors and do not allow the unit to sit for extended periods in a hot environment such as a truck or automobile in bright sunlight.
- Do not store or allow the unit to sit in extreme cold conditions.
- Never operate in standing water.
- After each inspection, always wash camera head, flex-link, and push-cable.
- The connectors may accumulate dirt on the pins with prolonged system use. Use a cotton swab impregnated in a drop of standard alcohol to clean them. Normally a clean pin inserted in the receptacle will wipe the internal contact and make a good connection. If this does not suffice, a drop of alcohol can be inserted in the bad contact hole to clean it.
- Keep all connector threads clean to ensure proper tightness and mechanical connection.
- Inspect the clean push-cable for damage such as peel off, deep scratches, cracks, kinks, or any other signs of failure.

CAUTION!

Never use a damaged push-cable even if the system appears to function properly. Even the smallest drop of water that penetrates will eventually corrode the wires and produce shorts and malfunctions. Do not use electrical or other type of tape to cover a crack or tear in any push-cable of this system.

- Wipe the camera lens cover clean with a soft cloth. The cover is constructed of special scratch resistant, high-impact sapphire, and provides maximum transparency under adverse inspection environment conditions.

Monitor-position holding force is adjusted by tightening/loosening of hinge screws.
iPod Application

To begin using Spartan Application, turn iPad on by pressing Home button and then slide to unlock.
BATTERY & CHARGING

BATTERY OPERATION

- The system is designed to operate using internal battery power or 110/220 V AC (household current). A fully charged battery will last approximately 4 hours.
- To check battery life, choose the “Systems Options” button on the main screen. The battery gauge will display in the lower right hand corner.

If the battery reaches a low battery state (yellow gauge color), a low battery indicator will flash on the screen. At this point, the system should be plugged into a power source. Once the battery reaches a critically low power level, a red flashing display will come on the screen. At this point the system will shut down due to power failure. Again, plug in the unit as soon as possible to avoid data loss.

NOTE!
When the low battery warning appears, end any video recording immediately. If the power is lost during a recording session, the video file will be un-readable and cannot be recovered.

BATTERY CHARGING

110/220 VAC – To charge the internal battery using a 110/220 V power source you will need to uncoil the AC power cord and plug the end into a AC electrical outlet. To check the charging status, turn on the unit and choose the “Systems Options” button on the main screen. Check the battery indicator in the lower right-hand corner. Once the batteries are fully charged, the battery charger will automatically switch to trickle charge.

Battery Recharge Time: Approximately 4-6 hours. The unit may be left off during charging.
## Troubleshooting

**Note:**

If below troubleshooting steps do not correct your symptom, please call your Spartan Tool Representative, or call Spartan Tool at 1-800-435-3866 for help.

<table>
<thead>
<tr>
<th>SYMPTOM</th>
<th>CORRECTIVE ACTION</th>
</tr>
</thead>
</table>
| No Power when running on the battery                | • Turn system “ON” using the power switch.  
• Check battery fuse (located near the power switch).  
• Plug unit into a 110/220 VAC source and allow battery to charge for 5 to 10 minutes. |
| No power when plugged into AC source                | • Confirm red AC power cord is properly seated in receptacle.  
• Check red AC power cord for damage, use alternate cord if possible.  
• Check AC fuse located inside power cord receptacle handle.  
• Test outlet for proper current.                      |
| Table not charging                                  | • Check for damage to tablet power cable.  
• Check the power cord for damage, and make sure it is properly connected.  
• Check AC fuse and battery fuse.                     |
| No picture - blue or black screen                   | • Check for picture using external power with Trap-EZE attached.  
• Check for kinks, cuts, breaks, in the push-rod.  
• Check for damage to the camera and flex link.        |
| No lights                                           | • Check for kinks, cuts, breaks in the push-rod.  
• Check for lights using external port with Trap-EZE attached. |
<table>
<thead>
<tr>
<th>SYMPTOM</th>
<th>CORRECTIVE ACTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>App will not connect to camera</td>
<td>1. <strong>Reset the App</strong> • Close the Spartan App, and all other Apps, then try again.</td>
</tr>
</tbody>
</table>
|                                        | 2. **Reboot System** • Close the Traveler App, turn the Traveler and tablet off, wait 20 seconds. • Turn the tablet on. • Turn the Spartan App on.  
  • Confirm startup routine - lights turn on, hum from internal fan, and beep from internal electronics.  
  • When the WiFi symbol appears in the top left corner, wait 30 additional seconds.  
  • Try the Spartan App.                                                                 |
|                                        | 3. **Reset Network Settings** • Go to Settings, General, Reset, then reset network settings. • Confirm reset. The iPad will reboot. During this time, shut down the Traveler.  
  • Once the iPad has completed the reboot, turn the Traveler back on.  
  • On the tablet, go to Settings, WiFi, and watch for the Spartan network to appear.  
  • Select Spartan network and enter the password (serial number).  
  • Allow the network to connect (30 seconds), then try to Spartan App.                                                        |
|                                        | 4. **Confirm iOS** • On the iPad, go to Settings, General, About. • Check the revision number - the iPad should be using iOS version 8.0 or higher. |
|                                        | 5. **Re-install App** • Delete the Spartan App. • Connect tablet to the internet. • Go to the App Store and download the Spartan App.  
  • Reboot the system and try the Spartan App.                                                                                      |
| No WiFi                                | • Check the tablet Setting to be sure that the WiFi is set to ON. • Check hte network list for Spartan Tool. If there, select it, and re-enter the password, if necessary.  
  • Reset network setting (See above).                                                                                               |
Product Information

63050000 - Trap-EZE Camera System

64020600 - 6” Centering Guide

64020500 - 2” Centering Guide

61048900 - Locater with Carrying Case

63010100 - 4” Centering Guide

63050000 - Trap-EZE Camera System
Spartan Tool warrants its equipment to be free from defects in material and workmanship for one year from the date of purchase. To obtain warranty service, a purchaser should notify Spartan Tool in writing, at the address provided below, within the warranty period, and Spartan Tool will direct where to take or send the equipment for service. If the defect is covered by the warranty, Spartan Tool will repair or replace, at its option, the defective equipment, without charge for labor or materials. (Freight and insurance are the purchaser’s responsibility.)

This warranty is limited to the original retail purchaser and is not transferable. Spartan Tool assumes no responsibility for damage due to accident, neglect, abuse, tampering or misuse, nor damage from repairs or alterations by others. This warranty does not cover damage to the equipment resulting from the use of replacement parts other than Spartan Tool parts.

Spartan Tool’s sole obligation and the original retail purchaser’s exclusive remedy under this warranty shall be for repair or replacement as described above. ALL OTHER WARRANTIES, WHETHER EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL SPARTAN TOOL BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES.

SPARTAN TOOL L.L.C.
MENDOTA, ILLINOIS 61342

Spartan Tool L.L.C. reserves the right to make changes at any time, without notice, to specifications and models and also discontinue models. The right is also reserved to change specifications or parts at any time without incurring any obligation to equip same on models manufactured prior to the date of change.

SPARTAN TOOL L.L.C.
1506 W. Division Street
Mendota, IL 61342
800.435.3866 ♦ Fax 888.876.2371
www.spartantool.com
Appendix A - iPad Use

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Power Up

Turn the iPad on – this is done by holding the power/standby button on the side of the iPad. Hold the button until the Apple symbol appears in the middle of the screen.

Once the Lock Screen appears, drag the slider over to unlock.

You should now be at the Home Screen.

Turn the system power ON. The power switch is located in the iPad recess, near the fuse location.

**Note:** You will hear a beep notifying you that the system has been turned on. In addition, the camera head lights will now be on.

Wait 60 seconds for iPad and System to initialize and link. The iPad/System link can be visually identified. The WiFi symbol will appear in the top left corner when the link is made.
Once the WiFi symbol appears, wait 10 seconds and then press the Spartan App located on the bottom app bar.

After showing the starting boot up screen (logo and name), the Home screen will appear.

Camera LED Adjustment

RECORD VIDEO

PLAYBACK mode

SNAPSHOT

System Options

The Data/Time, Logo/Name, and Distance Counter boxes will be embedded into the video. To remove them from the viewscreen (and recording), tap the box to open selection box and press “Hide”.

The box can also be re-located by pressing “Move.” Press Move, tap box, and drag to the new location. The Distance Counter selection box has an additional choice, “Reset.” Press reset to set the distance counter back to Zero.
To adjust the Camera Head LED intensity, press the Camera Lights button.

Drag the slider to adjust, or tap above/below the slider to adjust.
Photo Access

Note:
The first time you record or take a snapshot, the iPad will give you a message like the one below. Choose OK – you should only have to do this once.

“Spartan” Would Like to Access Your Photos

Don’t Allow  OK
Red dot indicates recording.
Press Record Movie to begin a recording.

Light Adjustment
End Recording
Microphone Toggle
Take Snap Shot
On screen drawing and text

Main recording screen
Light & Microphone

To adjust the Camera Head LED intensity, press the Camera Lights button.

Drag the slider to adjust, or tap above/below the slider to adjust.

Press Record Audio to turn on the iPad Microphone.
All Audio will be recorded to the Video.

To Disable Microphone, press the Stop Audio button.
Press Snapshot to take a still image of whatever is on the camera view at that moment. A shudder sound will play indicating a picture has been taken.

If NO is pressed, then press the Snap Shot button again to save the image.

If YES is pressed, you will enter Edit Mode.
Snapshot Editing

Press “Clear All” to Erase all drawings and text.

Press “Exit Edit” to Exit Edit Mode

Press “Keyboard” to add text.

Press Color to change drawing line color.

When “Keyboard” is pressed, a keyboard will appear. Type in message and Press DONE when complete.
Snapshot Editing

After entering text, the text will be “floating”. While the text is floating, you can adjust the color and font size.

Press anywhere on the screen to lock the text to the spot you press.

Once editing is complete, press Exit Edit to return. Press the Snapshot once more to save the image.
Press Keyboard/Draw to enter Edit Mode.

Edit Mode during recording functions the same as described above with Snapshot mode.

All drawings/text will appear in the video as you type/draw.

Use this snapshot button to quickly save the current screen shot.

When complete, press the Exit Edit button to return to the Recording screen.

**Note:** Drawings/Text will remain on the screen, even after exiting the Edit Mode. If editing is complete and you want all drawings/text removed, you must press the Clear All button.
Press the End Record button to exit recording mode.

**NOTE:**
Do not power down the system while the “Saving” indicator is on the screen.
Playback

Press Play Back to open the Camera Roll Folder.

Press Camera Roll to see list of videos and pictures.

Select the picture or video you would like to view.

Note:
Videos can be identified by the camera symbol on the bottom of the file preview.

Press the USE button in the top right corner to open the video or picture in a larger viewing format.
Press the Play button at the bottom to watch a preview of the movie.
During Playback mode, use the Playback Controls to rewind, fast forward, or pause the video. The orange slider can also be used for video control.

The Draw button will allow you to draw on the current image, but this is for display purposes only.

Use the Snapshot button to save the image on screen.

Press Exit Playback to return to the Home Screen.
System Options

Press “System Options” to access banner control and battery information.

Use the Install Name and Install Icon to embed a name and logo in the recorded video or snapshot. This name and logo will also appear when the App is started up.

To change the embedded name, type in text and press SAVE.
To change the logo, press change and select from the pictures in the iPad Photo Folder.

Press “Exit Menu” to return to Home Screen.

Note:
The iPad battery life is always displayed in the top right corner of the iPad.
Internet Access

The Spartan Traveler uses a local WiFi connection to communicate with the iPad.

To access the internet, via an Internet WiFi hotspot, you will need to change the WiFi settings on the iPad.

To do this, press the Settings icon on the iPad home screen.

In Settings, Press the WiFi button on the left panel.

On the right, a list of available WiFi Networks will be listed.

- The Spartan Traveler should be the active Network. This screen should display the units serial number.
- To change to an internet WiFi, choose a trusted Network by pressing the name of the network you want to join.
- If the network requires a password, a box will appear for password entry.
Most iPad applications require an Internet connection. The first time you connect the iPad to the Internet, there are several optional tasks to consider.

The first thing to do is to set up an Apple Account. An Apple account is required to access the App Store, or to take advantage of the iCloud services.

In Settings, click iCloud on the left hand side of the screen.
If you already have an account, enter it in the space provided. If not, press the “Get a Free Apple ID” and follow the on screen prompts to set up.

Once your Apple account is setup, you can enter your account information into the iCloud screen to link your iPad with the Cloud.
To Setup your iTunes and App Store account, press the iTunes & App Stores button on the left hand side.
Enter your account information into the space provided.
Occasionally Apple will send updates to the iPad to continually improve its performance.
Check for updates by pressing General on the left hand side (in Settings).
On the top right, choose “Software Update”.
If an update is available, you will be prompted to download and install.
To access the App Store, press the App Store icon.

If for any reason the Spartan App is removed from the iPad, the app can be retrieved from the App Store.

In the Search Bar, type in Spartan Tool.
Once the app is listed, press the Free button.

Click Install App.

If requested, enter your Apple account password.
The app will download and install automatically.
Note: new app downloads are typically placed on the second page of the iPad Home screen.
Use the iPad Photos folder for viewing, deleting, and sharing your videos and photos.

Press Camera Roll to see all pictures, or Videos to see all videos. Select photo or video to view.

Return to the library by pressing Camera Roll.

To Delete, press the delete icon.

To share the Photo/Video, press the Share Arrow.

**Note:** Pictures and Videos can be deleted in bulk. In the Photo library, press Edit, then touch each photo or video you wish to delete. After selecting all the files, press the Delete button.
Killing an App

Killing an app – Any time the Spartan app shows a message stating “Locating Server,” it means the iPad is not communicating with the system. To correct this, the best solution is to “Kill” the app.

To kill the app, double tap the circle button on the iPad.

This will open the “Active App” view.
Press and slide the Spartan App window off the screen.
Press the Circle iPad button again to return to the main screen.

Note – All the apps that appear in the “Active App” toolbar are running on the iPad, even if you are not using them. Apps running in the background can affect battery life.
To maximize your iPad battery life, kill the apps that you are not using.

Warning –
Deleting an app can be done by pressing and holding any app icon.
When deleting an app, you will tap a black X.
## Appendix B - Assembly

<table>
<thead>
<tr>
<th>ITEM</th>
<th>QTY</th>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
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Appendix B - Assembly