



The Captain Installation and User Manual

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1. What's Included

- (1) The Captain HD Touchscreen Display
- (2) Rugged HD Cameras with Mounting Brackets
- (1) GPS Module
- (1) Power Harness with Inline Fuse
- (1) Touchscreen Display Mounting Kit (Mount + Hardware)
- (2) 30ft Extension Camera Cable

2. Product Overview

The Captain is a durable, multi-camera safety and awareness system engineered for UTVs, golf carts, trailers, and utility vehicles. Designed for rugged use, The Captain provides HD video monitoring, GPS tracking, and wireless Bluetooth integration via a user-friendly touchscreen display.

Key Features:

- 7" HD Waterproof Touchscreen
- Dual Camera Capability
- Built-In GPS Tracking
- Bluetooth Connectivity
- Video Playback & Storage
- PhoneLink Compatibility with AppleCar Play and Android Auto

3. Installation Instructions

3.1 Powering the System - IMPORTANT! PLEASE READ! The power leads as supplied are designed to be used with a 12v system.

IF YOU ARE INSTALLING THIS IN A GOLF CART OR OTHER VEHICLE WITH A 24v OR GREATER SYSTEM YOU MUST STEP THE VOLTAGE DOWN TO 12v (10v -19v DC input).



Power Consumption

The Captain system draws **0.45 amps at 12 volts**, making it efficient to run directly off a standard 12V battery. To estimate how long the unit will operate on various battery sizes, refer to the chart below.

Estimated Run Time by Battery Size

Battery Size (Ah)	Run Time (Hours)	Run Time (Days)
5 Ah	~11 hours	~0.5 days
10 Ah	~22 hours	~0.9 days
20 Ah	~44 hours	~1.8 days
35 Ah	~78 hours	~3.2 days
50 Ah	~111 hours	~4.6 days
75 Ah	~167 hours	~7 days
100 Ah	~222 hours	~9.2 days
200 Ah	~444 hours	~18.5 days

Note: Real-world run times may be lower due to battery age, temperature, and discharge characteristics. For maximum performance, use a deep-cycle marine or lithium battery.

Your power harness will have a waterproof connector on one end and three wires on the other end.

1. Connect the power harness to the touch screen display using the 3-pin red connectors.
2. The black wire labeled GND will go to ground. This may be a negative battery terminal, bus bar, or vehicle frame depending upon your situation.
3. The red and yellow, BOTH connect to + 12v power.
4. The cable marked B+ can be connected to a SWITCHED 12v power source. This is the main power for the unit. Supplying power turns the unit on, removing power turns the unit off.
5. The cable marked ACC should be connected to the same 12V DC source as the Battery+ wire.

⚠ Always disconnect battery before wiring to prevent shorts.



3.2. Connecting Cameras

Mount the camera using the supplied bracket. Ideal locations: Rear bumper or roof rack for reverse view Front/side fenders for side-view setups

1. Connect the cameras to the monitor using the 3-pin connectors.
2. Mount the cameras in the desired location using the supplied bracket.
3. Secure all cables and avoid sharp bends or pinch points.
4. Camera angles may be adjusted using an allen allen wrench.
5. 3M adhesive strips supplied for fast, drill-free camera mounting.



3.3. Connecting the GPS Module

1. Connect the green three pin GPS cable to the green cable from the touchscreen display.
2. Mount GPS receiver with clear sky visibility using the included 3M adhesive.

4. Screen and Menu Instructions

After powering on the unit you will see a series of icons and a circle in the middle. The circle in the middle of the screen is the built in speedometer which will display the speed you are traveling when the GPS module is connected. Surrounding the speedometer you will see a series of icons along with the date and time.

4.1 Home Screen

Navigation - Pressing the Video Icon activates the camera view. To change camera views simply swipe left to right on the screen. The three viewing options are front, rear, and split screen view. Tap the screen at any time to display a series of menu icons. On the top of the screen you can adjust the brightness of the display. On the bottom left corner of the screen there is a left facing arrow, this takes you back to the main home screen.

- The microphone icon allows you to mute or activate audio within the recording file (more on recording below).
- The video camera icon also allows you to switch camera views similar to swiping left and right above. The circle icon indicates whether or not the unit is recording to a SD card. When the circle is white and not flashing, this indicates a SD card is not installed or is not recording. When the circle is flashing red the unit is recording to a SD card.
- The lock icon allows you to save an event file to a SD card when recording. (See below for more information on this functionality)
- The phone icon takes you to the Bluetooth functionality of the unit.

4.2 PhoneLink Menu

Pressing the PhoneLink icon allows you to connect your phone to The Captain system. The Bluetooth name of the system will be at the top of the screen. You can change the name of the system by clicking the settings icon above the Android Auto Icon. Then touch the settings icon next to the "equipment name". Follow the prompts and enter the custom name you desire. On this screen you can also disable the bluetooth setting on the device by swiping the blue switch icon to off. You can also see if a device is connected to bluetooth by viewing the display next to the Remote Device label.

Your phone will pair automatically with the device. Select the Carplay icon for Apple products and the Android Auto for other devices.

The first time you connect may take a few minutes. Make sure all your phone settings are turned on for Bluetooth.

4.3 Bluetooth Menu

Pressing the Bluetooth icon in the upper right corner of the main home screen will take you to the Bluetooth display screen. This screen displays the status of any connected devices. You can also update the name of the system by selecting the settings icon and following the prompts to change the name of the bluetooth device.

4.4 Replay Menu

Pressing the Replay icon on the right hand side of the screen will allow you to view recorded footage if you have an SD card inserted into the unit. If there is not an SD card inserted it will notify you that there is not an SD card inserted. If you see this prompt and there is an SD card inserted, please make sure the SD card is fully inserted and/or not corrupt. (See SD card recommendations below).

When an SD card with footage is recognized, you will see an F and R icon on the right hand side of the screen. To view footage from the forward or F camera, press the F icon so it is highlighted. Then select the file you want to view. The file name will have the date and time stamped in the name. Repeat the same process to view footage from the rear or R camera. To view any still photos make sure the camera icon is highlighted on the top of the screen. To view any locked/event footage, (see below in recording) select the lock icon on the top of the screen. On the left hand side of the screen your footage will appear. Touch the screen to display a list of options. The Left facing arrow will bring you back to the main home screen. The lock icon will save the file in the event file. The play icon will play the file. The trash can icon will delete the file. The frame icon will display the file in full screen. On this screen you have the ability to use the icon bar on the top of the screen to fast forward or rewind the footage. To return to the home screen at any time, and select the left arrow icon.

4.5 Settings Menu

Pressing the settings icon will take you to a menu of 16 different settings options.

Carplay Position

If you have a device connected to Carplay or Android Auto this menu allows you to either view the full screen or display a split screen with the forward and rear camera views. Select full screen to view the full list of icons for your device. Select L to view the camera views on the left side of your screen and your device icons on the right. Select R to view the camera views on the right side of your screen and your device icons on the left.

Phone Sound

You can modify whether phone sound will be on or off.
Select either on or off.

Loop Recording

You can modify the number of minutes recorded in a single file to the inserted SD card.

Select 1Min for 1 minute recorded files.

Select 3Min for 3 minute recorded files.

Select 5M for 5 minute recorded files.

The longer you select for looped recording the larger the file size will be and this will impact your SD card files saved. (More information below in Recording)

Speed Unit

You can modify the speed units displayed.
Select KM/H to display speed in Kilometers.
Select MPR to display speed in Miles Per Hour.

Speed Compensation

The Speed Compensation setting modifies the recorded video file by adjusting the frame capture rate before the file is saved. This change is permanent and affects how the footage will play back on any device or media player.

Negative values (-5 to -1) decrease the effective recording speed, resulting in slow-motion footage. Each step increases the slow-motion effect:

Setting	Approx. Capture Rate	Resulting Playback Speed
-5	20% of normal	5× slower

-4	33% of normal	3× slower
-3	50% of normal	2× slower
-2	67% of normal	1.5× slower
-1	80% of normal	1.25× slower

Positive values (+1 to +5) increase the effective recording speed, producing time-compressed video:

Setting	Approx. Capture Rate	Resulting Playback Speed
+1	120% of normal	1.25× faster
+2	150% of normal	1.5× faster
+3	200% of normal	2× faster
+4	300% of normal	3× faster
+5	500% of normal	5× faster

GPS Information

Selecting this allows you to view the status of the GPS module information.

Screen Saver

You can modify the amount of time your display is viewable. Select Off to always have your screen display viewable. Select the desired amount of time to put your screen in “sleep” mode if no activity is detected. The Screen will appear all black and will be in a power saving mode. Touch the screen to reactivate after.

Channel Set

You can modify how the cameras can be viewed on the screen. The front camera can be modified by selecting Flip or Mirror button to the right of the F on the screen, if none is selected it will be a normal camera view. The back camera can be modified by selecting the Flip or Mirror button to the right of the B on the screen, if none is selected it will be a normal camera view. You may want to adjust these settings if you are using the Back or Rear camera like a mirror.

Language

You can modify the language on the display screen.

Select the language you prefer to display on the screen.

Time Setting

You can modify the date and time for your location. You can also modify how the date and time is displayed on your screen.

Use the arrows and buttons to select the date and time for your location.

Date Format

You can modify how the date is displayed on your screen.

Select how you want the date to be displayed on your screen.

Eye Protection Mode

You can modify the brightness settings for the screen. You can set a time period and a specified screen brightness. Using the screen during the day, you will want a brighter screen. Using the screen at night, you will want to adjust the brightness down.

This will automatically adjust the brightness for a desired time period.

You can also disable this feature and manually adjust the brightness as needed.

Tip Sound

You can modify the sound if the display falls. You can adjust to on or off.

Format SD

This will format/erase all files on an inserted SD card. Either confirm or cancel depending on the files on the inserted SD card. A full SD card may be required to be formatted before it is able to record. Make sure you have any files saved on a different device before confirming on the screen.

Default Settings

You may restore all the factory settings by selecting this option.

Version

This will display the current software version of the system you have. Be sure to make sure you are running the most updated software version by checking

www.thecaptaincam.com

4.6 Recording and DVR Operation

The Captain has a built-in DVR and each camera will record in full 1080p HD footage in a .ts file with GPS data embedded into the file. The unit is programmed to automatically record when an SD card is inserted into the watersealed slot on the bottom of the main screen and the unit is powered on. If you do not want to record, do not insert an SD card. To insert an SD card, open the rubber cover and insert the card. Be sure to align the card correctly before inserting. The flat side of the sd card should be on the left and the label side should be facing you. The exposed metal of the sd card should be facing away and the narrow slot on the SD card should be on the right hand side as you insert the card. A high quality, Class 10 or U3 speed-rated card is recommended for best performance and to ensure smooth video recording. The minimum capacity SD card recommended is 128GB. (using a smaller SD card increases the risk for file corruption and loss of looped recordings). To determine if the unit is recording you should see a red flashing small button in the upper right hand corner of the screen. You can also see if the unit is recording when you are on the main menu screen by looking for a flashing red line in the video icon as well as a red circle on the bottom menu bar when you touch the screen.

IF YOU TOUCH THE “RED CIRCLE” WHILE RECORDING IT WILL BEGIN THE LOOPING OVERWRITE PROCESS AND MAY DELETE YOUR PREVIOUS RECORDED FILES IF YOU DO NOT HAVE A LARGE ENOUGH SD CARD.

To save a video file, press the Lock button while the clip is recording. This will protect the file from being overwritten during the loop process. To preserve a specific clip from being overwritten, use the Lock button before or during recording. Locked files are protected from the loop overwrite process and will remain on the card until manually deleted. Once transferred into a computer locked files will be saved in a folder labeled events. Both feeds from the front and back cameras will be locked when the user hits the lock button. Looping means that the unit continuously records in short segments (based on your selected time) and will overwrite the oldest files as the SD card fills up — unless those files are locked. To access the Replay feature on The Captain, you must first disconnect your smartphone from the Bluetooth connection. If you're unable to disconnect via Bluetooth settings, power off and restart The Captain. This will reset the connection and allow access to recorded files. Video files are saved in .TS format (Transport Stream). This format includes embedded timestamp and GPS metadata. These files cannot be edited to remove timestamp or GPS info in the current version. To convert .TS files into more common formats (e.g., MP4), use a program like VLC Media Player (free download available for PC/Mac). Use a microSD card adapter or SD card slot to connect to your computer. Once connected, you can view, save, or share files just like you would with any other media file.

4.7 Troubleshooting

Issue	Solution
No Power to Screen	Check fuse, verify 12V at red wire, inspect ground
No Video Feed	Verify camera is plugged into correct input (DVR-F/DVR-R), check cable for damage
GPS Not Working	Ensure GPS module has sky view, reconnect and restart
Screen Frozen	Power unit off and on
Bluetooth Not Pairing	Delete from phone and re-pair via Settings
Recording Not Working	Check SD card is inserted and formatted

5. Product Specifications

Feature	Value
Screen Size	7" HD Touchscreen
Screen Resolution	1024 x 600
Cameras	IP67 Waterproof, HD Wide-Angle
Power Input	9V–16V DC
Operating Temp	-4°F to 140°F
Storage	MicroSD, minimum of 128GB
GPS	Included, plug-in

Bluetooth Yes, phone/audio support

Weight 2.5 lbs (system total)

6. Support/FAQ's


Need a Hand? The Captain's Got Your Back.

Whether you're getting set up or already out on the trail or water, we're here to help.

Questions? Troubleshooting? Just want to say hi?

Our crew is standing by!

 **Email:** support@thecaptaincam.com

 **Call:** 866-755-6303

 **Visit:** www.thecaptaincam.com

Thanks for choosing *The Captain*. Adventure on!