

The Captain Installation Manual

Rugged 4k LCD Screen and Camera System for the Outdoors

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1. What's Included

- (1) The Captain HD Monitor with Integrated Touchscreen
 - (2) Ruggedized HD Cameras with Mounting Brackets
 - (1) GPS Module
 - (1) Power Harness with Inline Fuse
 - (1) Mounting Kit (Mount + Hardware)
 - (2) 30ft Extension Camera Cable
 - (1) Quick Start Guide
 - (1) Installation Manual (this document)
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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

3. Wiring for Power

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).

Your power cord will have a waterproof connector on one end, the other will be three wires.

The black wire labeled GND will go to ground. This may be a bus bar, the negative battery terminal or vehicle frame depending upon your situation.

The other two wires, red and yellow, BOTH connect to 12v power.

The cable marked B+ or Battery + should 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.

The cable marked ACC is reserved for future functionality but also is connected to the same 12V DC source as the Battery+ wire.

 Always disconnect battery before wiring to prevent shorts.

4. Connecting Cameras

1. Mount the camera using the supplied bracket. Ideal locations:
 - Rear bumper or roof rack for reverse view
 - Front/side fenders for side-view setups
 2. Run the camera cable to the monitor location.
 3. Secure all cables and avoid sharp bends or pinch points.
 4. Camera cables are water and trail proof but not cut proof.
 5. Camera angles may be adjusted using the supplied allen wrench.
 6. Strong 3M strips supplied for fast drill free camera mounting.
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5. **Connecting GPS &GPS Module:** Mount GPS receiver with clear sky visibility.

- GPS module comes with 3M adhesive already applied.
 - Place the GPS module facing forward with a clear sky view.
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6. **GPS Functionality**

- Displays live speed, compass direction, and location
 - GPS data can be embedded into recorded video
 - Helpful for route verification and playback
 - Can integrate with compatible GPS map overlays (future update)
 - I.e. Radar, OnX, Trail riding apps, etc.
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7. **Screen Instructions**

a. Video Viewing

- Tap CAM1 or CAM2 on the main menu to toggle between views
- You may also swipe when looking at the cameras to change which camera you are looking at.
- The three options are front, rear, and split screen view.
- Split-screen option available in Settings > Display. This allows you to view your cameras on one half of the screen and your apple carplay or android auto on the other.

b. Touch Screen Operation

- Responsive capacitive screen works with light gloves
- Swipe to navigate menus
- Tap icons to select
- The captain will navigate just like your smartphone

c. Replay Mode

- Tap “Replay” icon
- Choose date/time or scroll through video timeline
- Supports pause, zoom, and snapshot
- If something exciting happens click the lock button on the recording screen to save that video into a special events folder.
- To have the best success with replay and recording we recommend you use a 128 GB SD card or larger.

d. BoatLink™ Integration

- Enables pairing with Marine-Vu and compatible boat displays
- Requires BoatLink Adapter (sold separately)
- Activates via Settings > BoatLink

e. Bluetooth Operation

- Pair your phone via Bluetooth to stream audio
 - The Captain does not have audio but music can be played on an external speaker and controlled on The Captain
- Hands-free calling supported (if equipped)
- Manage Bluetooth in Settings > Bluetooth

f. Settings Menu

- Brightness & Contrast
 - Camera Orientation (Normal / Flip / Mirror)
 - GPS Overlay On/Off
 - Storage Management
 - Software Updates
 - Factory Reset
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8. Recording Feature Overview – The Captain

The **Captain** is equipped with a high-definition recording system designed to automatically capture and save footage during your outdoor adventures. Follow the guidelines below to ensure optimal use and file management.

Getting Started: SD Card Requirements

- Always use a **high-quality SD card** with a **minimum capacity of 128GB**.
 - A Class 10 or U3 speed-rated card is recommended for best performance and to ensure smooth 4K video recording.
 - If a smaller SD card is used you will lose videos over time and will not be able to save them
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Automatic Recording & Loop Settings

- The Captain **automatically begins recording** when powered on.
- In the **Settings menu**, you can choose a **Looping Time** of:

- **1 minute**
- **3 minutes**
- **5 minutes**

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.

How to Lock and Save Important Files

- 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.
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Viewing Recordings & Photos on The Captain

- 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.
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File Format & Exporting

- 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).
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Viewing Files on a Computer

- 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.
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9. Mounting & Camera Positioning

- Use the included suction mount for secure and adjustable screen positioning
- Camera angles should be wide enough to cover rear blind spots
- Avoid mounting cameras too low (dirt splash) or too high (obstruction by roof)

Test views on-screen before finalizing mounts.

10. 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 (CAM1/CAM2), check cable for damage
GPS Not Working	Ensure GPS module has sky view, reconnect and restart

Screen Frozen	Hold power button 5 sec to force reset
Bluetooth Not Pairing	Delete from phone and re-pair via Settings
Recording Not Working	Check SD card is inserted and formatted

11. 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	-20°F to 140°F
Storage	MicroSD, up to 128GB
GPS	Included, plug-in
Bluetooth	Yes, phone/audio support
Weight	2.5 lbs (system total)

12. 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!