

## Gatekeeper 504HD2a DVR Quick Mount / Quick Configuration Guide

Please note the following installation instructions:

- The 504HD2a must be secured to an interior surface of the vehicle with the Tek Screws provided.
- The 504HD2a can be orientated in any direction.
- Wire the 504HD2a into the vehicle as per the diagram below.
- DO NOT disassemble the 504HD2a. There are no user serviceable parts inside.

CAB000383 Sensor Harness		
Sensor Wire and Color	Sensor	OSD Name
SENSOR_IN1 (Yellow)	Brake	BK
SENSOR_IN2 (Orange)	Warning Lights	WN
SENSOR_IN3 (Black)	Stop Arm	SA
SENSOR_IN4 (White)	Door	DR
SENSOR_IN5 (Blue)	Left Turn	LT
SENSOR_IN6 (Red)	Right Turn	RT
SENSOR_IN7 (Green)	Extra1	EX1
SENSOR_IN8 (Brown)	Extra2	EX2

The 504HD2a firmware must be configured before using the DVR.

The DVR can be configured either by using G4 Connect, Integrated Control Display 2 (ICD2) or by using an analog monitor and hand held mouse.

- Connect a monitor to the 504HD2a using the CAB000392 and CAB000362 connected to the ICD jack on the rear of the 504HD2a or an ICD by inserting the cable into the ICD jack.
- Press the right button on the hand held mouse and scroll over to the silhouette and click the trigger
- Enter the following login information when prompted
  - o User ID: admin
  - o Password: admin
- Move the cursor to the setup icon and press enter
- Navigate to Surveillance> Record>Mainstream to setup the analog channels one through four.
- To set up IP Channel five navigate to Surveillance>IPC Setup and select and enable the camera then select the magnifying glass to search for IP cameras and bind the IP camera to channel five.
- To set Vehicle ID Navigate to Basic Setup>Regist Info> Vehicle Info
- After setting the configurations, with the HDD inserted access the setup menu. Navigate to Setup>Maintenance>Storage to format the HDD.
- Start vehicle, and wait for recorder to boot up (approximately two minutes). Confirm live camera video is visible on monitor (small Green camera in each camera image – indicates the DVR is recording).
- Confirm DVR is recording by observing the LED's as per the following table



Record Mode			Safe to remove HDD Mode		
LED	Color	Flashing Status	LED	Color	Flashing Status
PWR (Power)	Blue	Constant On	PWR (Power)	Blue	Off
USB (If USB Drive Connected)	Blue	On	USB (If USB Drive Connected)	Blue	Off
ALM (Alarm)	Red	Off	ALM (Alarm)	Red	Off
REC (Recording)	Green	Constant On	REC (Recording)	Green	Off
ERR (Hardware Error)	Red	Off	ERR (Hardware Error)	Red	Off
NET (If a network is connected)	Green	Constant On	NET (If a network is connected)	Green	Off

- **To access the HDD, open the door, turn key to unlocked position, and wait for the LED's to indicate it is safe to remove, and then pull the HDD handle.**
- The 504HD2a is ready to go!

