

## Y35HD QUICK INSTALL GUIDE

### MOUNTING

- Mount the Y35HD in the vehicle's cabin area where there is environmental control (i.e. heating and/or air-conditioning).
- Secure the Y35HD to interior surfaces using the Tek Screws provided for mounting.
- All cables running through holes in sheet metal (ceiling, bulkhead, etc.) must be protected with grommets.
- Ensure that the device is mounted where it is not easily accessible by non-authorized personnel.
- DO NOT orient the device such that the drive caddy handle faces the floor of the vehicle.
- DO NOT disassemble the device. There are no user serviceable parts inside, and removing the cover of the Y35HD will void the device's warranty.

### POWER SUPPLY

- The Y35HD operates between 8V ~ 36V. Please ensure a regulated, consistent power source is available for the device.
- The power supply cable connects to the back of the device through a 9-pin power input-output connector (CAB000360). The power source should be clean and (preferably) connected directly from the battery or the power bus.
- The supplied fuses MUST be used; Failure to use the provided fuses will void the device's warranty.
- The 3AMP fuse must be installed close to the power source on the Yellow Ignition wire on CAB000360
- The 15AMP fuse must be installed as close as possible to the source on the Red (+12V) wire on CAB000360

### SENSOR CONNECTIONS

- GPS Connection - The device is equipped with a connection port for an external GPS antenna. The GPS must be connected in order to embed vehicle location and vehicle speed information with the video. The GPS antenna should be installed on the exterior roof of the vehicle with a clear view of the sky
- ICD Connection – The 10-pin ICD connector (CAB000390 + CAB000391) is used to connect the ICD to provide a touch-screen interface.
- Driver Alert Button Connection - The tri-color Driver Alert Button (G4-TCR-DrvAlert) is connected using the 4-Pin connector (CAB000371) to the RS485 Converter (CAB000387) to the sensor cable (CAB000376)
- External Sensor Module Connection - The ESM is connected to the Sensor Cable (CAB000387) to provide support for an additional 8 sensor inputs (9 – 16), and 2 outputs.

CAB000376		
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

### CONFIGURATION

- Y35HD configuration menus (when using the ICD, Finger Mouse, or IR Remote control interfaces) are accessed from:
  - Main Menu → Setup / Config
- When connecting wirelessly through the Android compatible G4 Connect™ app., configuration menus are accessed from:
  - Preferences → Config
- Enter the following login information when prompted:
  - User ID: admin
  - Password: admin
- 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
- To access the HDD, turn the key to the unlocked position, flip the HDD handle down, wait for the LEDs to turn off and pull the HDD caddy out.

Record Mode			Safe to SD Card 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

### CABLING DIAGRAM

