

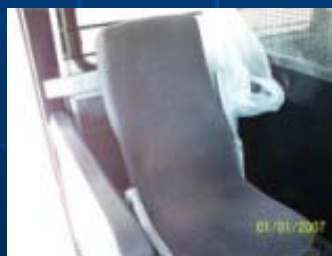
CruiseCam Integrated Technologies



PASSENGER & DETAINEE
Transport DVR System

If Seeing is Believing....

Then you should be seeing it with
CruiseCam Technologies



Primary Considerations

Reliability

Visual Clarity

Ease of Use

Low Initial Cost

Ruggedness

Easy Installation

Location

Security

Temperature Extremes

Required Camera Views



**View of
Driver Area**



**View of
Prisoner Area**



**View of
Guard Area**

Plus View of:

Front Road, and Vehicle Dash Area

Rear View for Backing Up Vehicle (Optional)

Gemini DVR Advantages

Uses SD Cards Instead of a Hard Drive

- Solid State Memory - No hard drive failure
- Allows significantly smaller DVR housing
- Less Power Consumption
- Easily transportable media
- Easy to move and copy files
- No special software necessary
- Inexpensive, readily available storage
- Uses Windows Media Player for playback



Gemini DVR Advantages

Two Separate DVRs in Each Gemini Unit.

- Separate DVR for each camera
- Separate Primary Controls for security
- Maximize picture quality
- Minimize system wide failure
- Each DVR individually fused
- All solid state ensures low maintenance
- Security – Rugged aluminum housing with Locked with cylinder shaped key



Gemini DVR Advantages

Easy Installation

- Preconfigured 'all in one' Cables
- Audio, Video and Power in each A/V/P cable
- Locking Connectors
- Handles 12 – 32VDC Diesel surges on startup
- Reverse Polarity protection
- Each Fuse is externally accessible
- Small unit size allows more usable locations



Gemini DVR Advantages

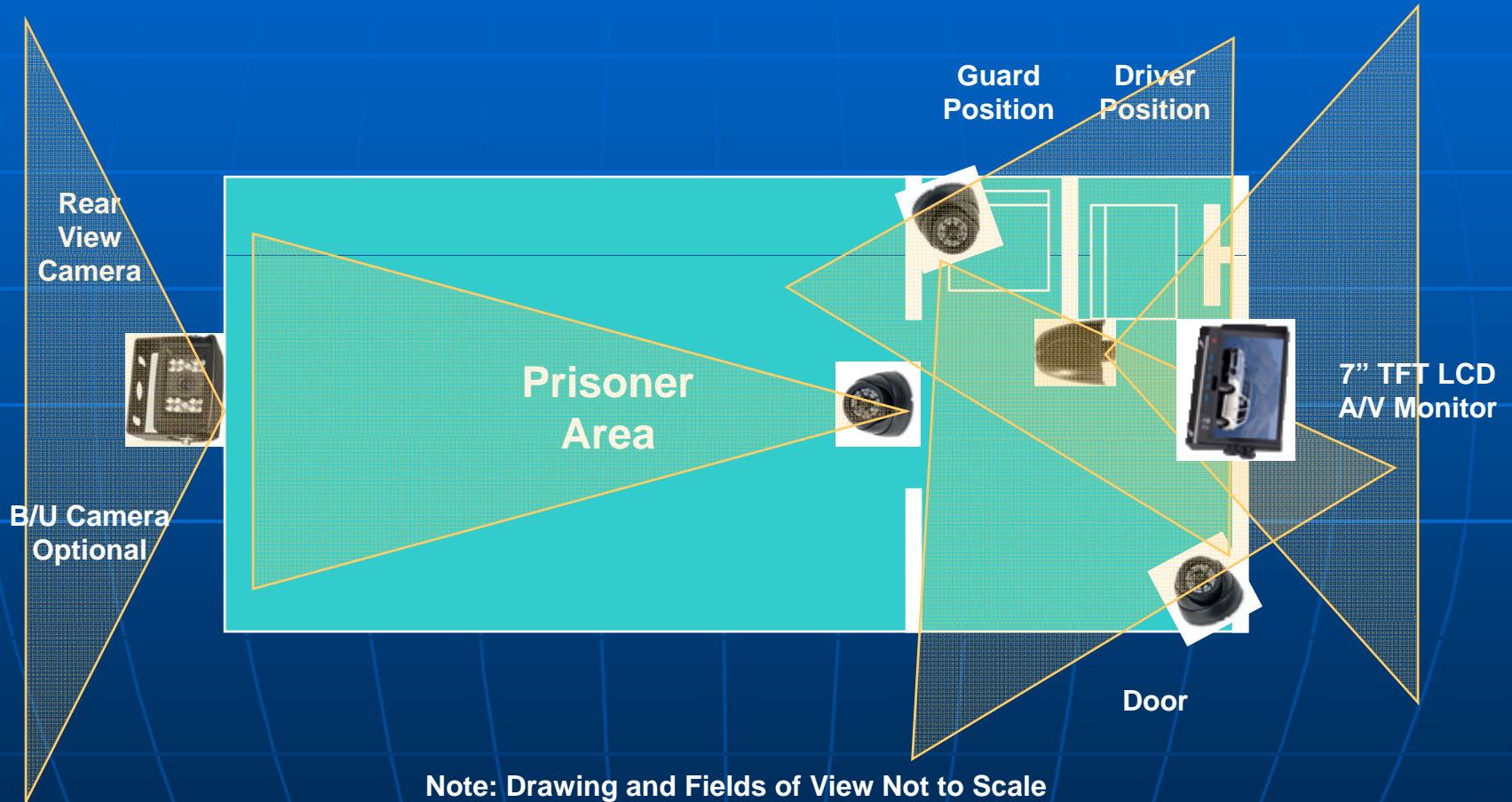
Easy Setup and Use

- Each DVR has it's own User Interface
- Dedicated User Oriented Software
- Clear Menus
- Useful Options
- All Buttons Clearly Labeled
- Default Settings handle most configurations



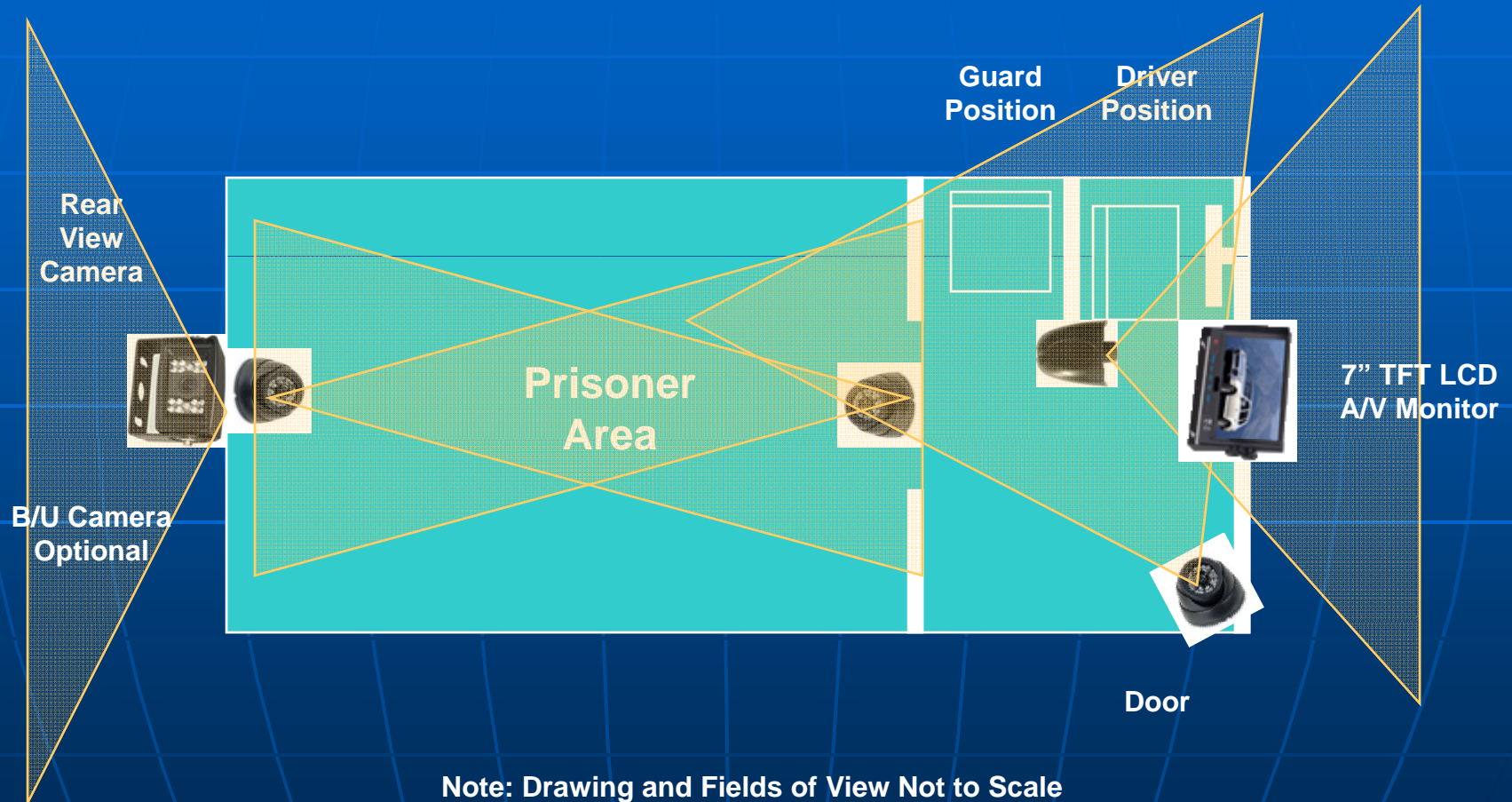
General Camera Positions

Option 1



General Camera Positions

Option 2



Forward Road View

Camera 1

- Seat Mounted Camera shows view of road and steering wheel and dash areas
- 3.6mm Lens
- 70° Field of View
- No IR Needed



Seat Bar Mount Camera



Drivers Position



Camera 2

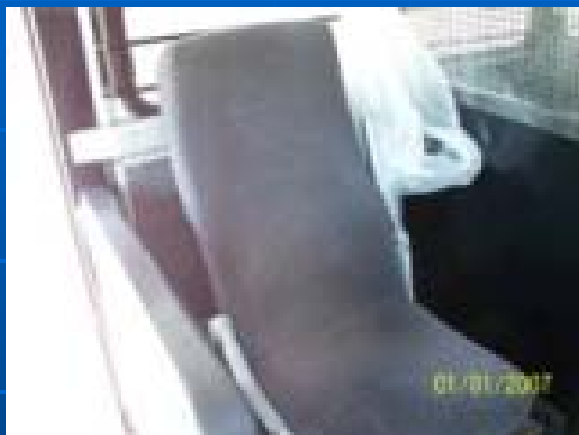


Armored Ball Camera
Armored Ball Camera

- 2.5mm Wide Angle Lens
- 130° Field of View
- 0 Lux with InfraRed LED lighting
- Locate facing Driver area in Front Left corner near bus entry

Guard Position

Camera 3



Armored Ball Camera

- 2.5mm Lens
- 130° Field of View
- 0 Lux Capability with Infra Red LED lighting
- Locate facing Guard area in Front Right corner over Driver

Prisoner Area

(Camera 4)



Armored Ball Camera

- Vari-focal 2.8 - 9mm Lens. Longer, narrower field of view necessary because of viewing distance.
- 24 - 160° Field of View
- 0 Lux capability with Infra Red LED Lighting
- Locate Overhead and Centered on Prisoner Area Aisle.

Reverse (B/U) Camera (Camera 5)

Optional w/ Required Auto Video Switcher

- 2.5mm Wide Angle Lens
- 130° Field of View
- 0 Lux with Infra Red LED lighting
- Locate on Rear Exterior of the Vehicle facing the area behind the vehicle



Rear View Camera w/IR

Questions

1. Exact Layout of Bus (Seat locations and Distances). We need to consider preconfigured cable lengths.
2. Camera Views in descending need of importance.
3. Proposed secure DVR mounting locations
4. Any Custom Mounting brackets for the cameras.
5. Is Audio recording necessary? If so which positions?

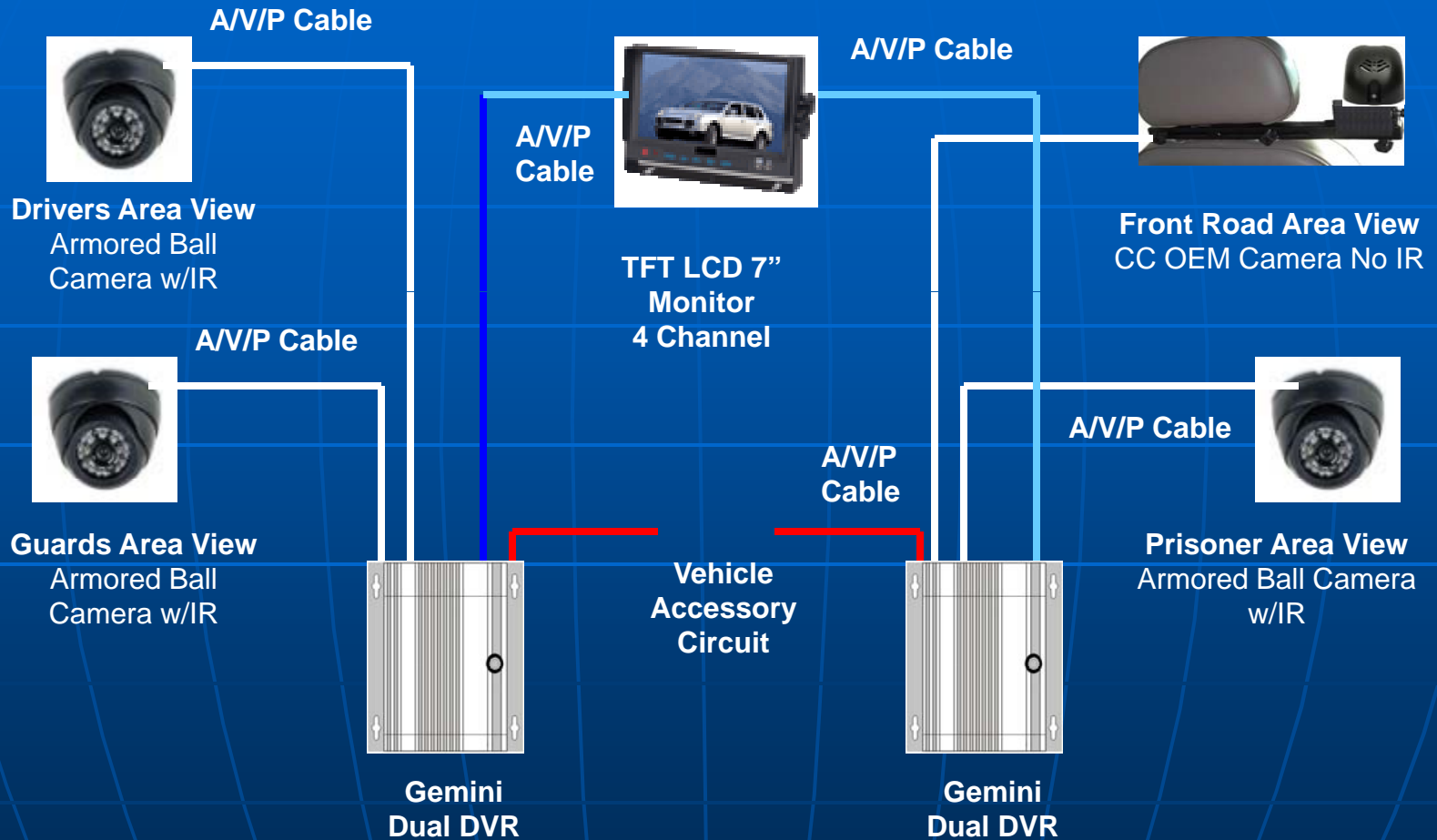


Other Suggested Views

- Prisoner Visual ID Image upon Entry
- Bus Rear View for Backing Up
- Auto Left/Right Side Views During Turn
- Additional Prisoner Area Cameras

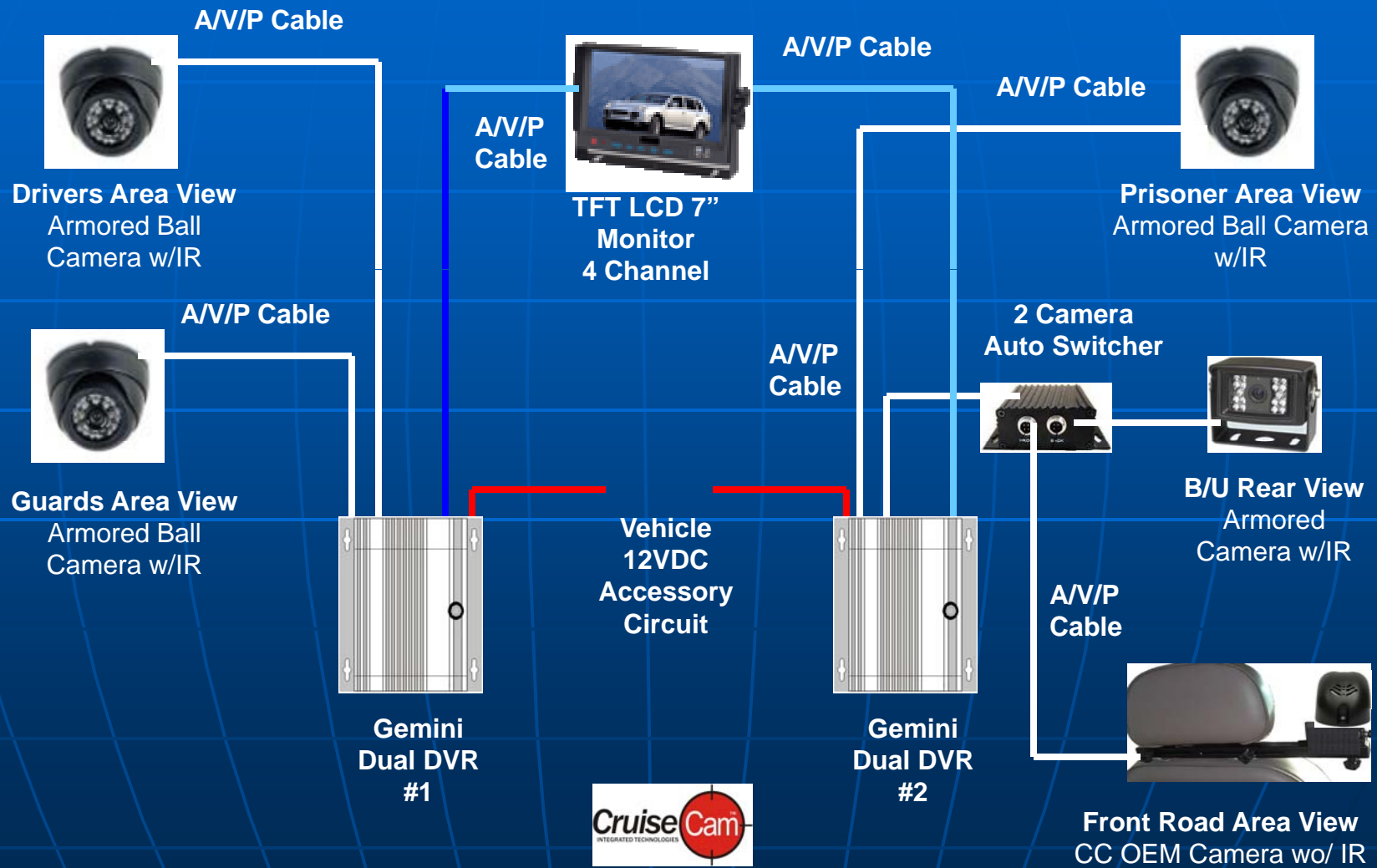


Equipment Diagram (Basic)



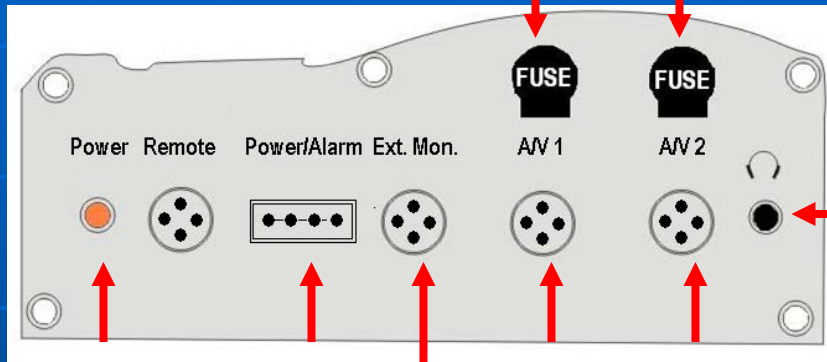
Equipment Diagram (Option 1)

Auto switch to B/U camera during Reverse



Fast, Versatile, Easy to Connect

Separate DVR Fuses



Headset Jack for Setup and Review

Power Indicator

12V Power
2 DVR Triggers

Independent DVR Camera/Mic In and Camera Power Out



Armored Dome Camera w/IR



External Monitor and Speaker



Choose from a wide variety of Video Cameras to fit any application



Back Up Camera w/IR



Seat Mounted Camera w/o/IR



Gemini Specifications

<i>Model – Gemini Dual DVR</i>	<i>Specifications</i>
Internal Independent DVR	2 each.
Number of Cameras Supported	1 per DVR
Compatible Camera Sensor Types	CCD or CMOS
Video Signal	NTSC or PAL
Memory Storage (Per DVR)	16GB (Max.) SDHC Card
File Format	MPEG4
Recording Resolution	640x480 or 320x240
Recording Frame Rate (FPS)	30 or 15FPS
File Options	Stop When Full or Overwrite
Firmware Upgrade Method	From SD Card
Working Voltage	12-13.8VDC (12 – 32VDC w/opt. adapter)
Camera Voltage Supply	12VDC@400mA
Power Supply	Connect to Vehicle Accessory Circuit



Gemini Specifications

DVR Housing	Specifications
Working Temperature	0°C - +55°C
Waterproof	No
Physical Security	Metal Housing, Lockable, concealed hinges
Housing Material	Aluminum
Dimensions	138mm x 170mm x 45mm
Weight	1.5 Kilograms
Mounting Method	2 Flanges w/2 in Keyhole Screw Slots each





Equipment List (Option 1)



- 2 ea. Gemini Dual DVR
- 1 ea. Armored, IR, Ball Camera, 3.6mm Lens
- 1 ea. Armored, IR, Ball Camera, 2.5mm Lens
- 1 ea. Armored, IR, Ball Camera, 2.8-9mm Lens
- 1 ea. CC OEM Seat Mounted Camera (No IR)
- 1 ea. 7" Monitor (Quad?, Guard, Driver)
- 4 ea A/V/P Cables (Lengths?)



Equipment List (Option 2)

Auto Reverse Camera Switcher Option



- 2 ea. Gemini Dual DVR
- 1 ea. Armored, IR, Ball Camera, 3.6mm Lens
- 1 ea. Armored, IR, Ball Camera, 2.5mm Lens
- 1 ea. Armored, IR, Ball Camera, 2.8-9mm Lens
- 1 ea. CC OEM Seat Mounted Camera (No IR)
- 1 ea. 7" TFT LCD Monitor, 3 Channel
- 7 ea A/V/P Cable (Lengths?)
- 1 ea. Rear View IR Camera, 2.5mm Lens
- 1 ea. Dual Camera A/V Auto Switcher