

Hindsight 20 20

Professional Value™



For **Commercial Straight Trucks** and **Box Vans**

HCS-700

The Most Advanced & Effective Rear Obstacle Detection System Available Today!



1/3CCD Camera and
7" WIDE TFT LCD Monitor

**NOW YOUR DRIVERS
WILL BE ABLE TO**

**SEE, HEAR
& CONFIRM**

- **Product benefits**

- The integrated System provides both the value of the Camera System and the Rear Obstacle Detection features all in One System.
- The Monitor provides a Visual Confirmation of the Object, Person, & Distance within the Rear Obstacle Detection Zone.
- The integrated System Augments the Weaknesses of both the Camera Systems And Rear Obstacle Detection Systems.

- **Product Features**

- Sonar-Camera Integrated Unit
- 7" WIDE TFT LCD Monitor
- 3 Channel camera input (rear, left side and right side)
- 2 Channel sonar input (for rear detection)
- 6 Step Detection Distance Indication (1,2,3,4,5, & 9ft), 4 Step alarm feature
- 1/3CCD Camera
- Built in microphone
- Auto iris
- IR illumination
- Mirror Feature
- Built in speaker
- Adjustable speaker volume
- Day night sensor
- Normal on screen with switch
- Mute Feature and Auto Reset Volume
- Reverse activates the SONAR & CAMERA SYSTEM
- Select s/w illumination when ACC ON
- SONAR and CAMERA Self Diagnosis

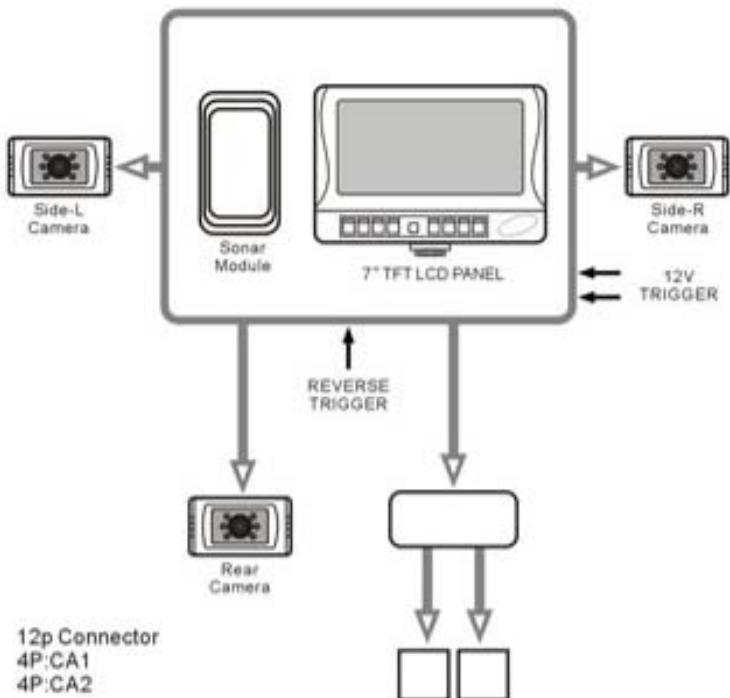
● **Monitor Specifications:**

- 7" Wide TFT LCD Panel
- Power Input: 10V~32VDC
- Power Consumption: 10W
- VIDEO SYSTEM: NTSC/PAL STANDARD SIGNAL
- RESOLUTION: 270,000 Pixels
- COLOR CONFIGURATION: R.G.B Stripe
- Speaker volume: 8Ohm, 0.2W
- OPERATING TEMP: -4 ~ 140°F
- STORAGE TEMP: -22 ~ 176°F

● **Camera Specifications:**

- 1/3" Interline Transfer Color CCD sensor
- AUTO IRIS Controls
- SIGNAL FORM: NTSC or PAL
- PICTURE ELEMENT: 270,000(NTSC), 290,000(PAL) PIXELS
- SYNCHRONIZATION: INTERNAL SYNC.
- RESOLUTION: 380TV LINES
- S/N RATIO: 48Db
- Min Illumination: 1.0Lux/lr on 0.001Lux
- Video Out: 75 Ohm 1Vp-p composite signal
- Audio Out: 600 Ohm 50Mv
- OPERATING TEMP: -22 ~ 140°F

| Description | | Model | | | |
|------------------------|------------------|-----------------------------------|-------|-------|-------|
| | | HCS-700 | | | |
| Ultrasonic Frequency | | 40KHz | | | |
| Ultrasonic Sensitivity | | -78dB | | | |
| Rated Voltage | | DC 11V ~ 30V | | | |
| Power Consumption | | 10W | | | |
| Operation Temperature | | -4 ~ 140°F | | | |
| Detection Area | Depth (Distance) | 6 steps (1,2,3,4,5, & 9ft) | | | |
| | Width | 9ft | | | |
| Number of Detectors | | 2 | | | |
| Beam Angle | Vertical | 50° | | | |
| | Horizontal | 130° | | | |
| Detection Angle | | up 35° down 15° | | | |
| Warning | Visual | 4 Steps G.Y.R Graphic Bar display | | | |
| | Audio | 4 tones | | | |
| Alarm Zone | | Zone1 | Zone2 | Zone3 | Zone4 |
| | | 1ft | 2ft | 3-4ft | 5-9ft |
| Cable | Detector Cable | 50'x 1 | | | |
| | Detector Pigtail | 16" | | | |
| | Camera Cable | 50'x 1 | | | |
| | Power Cable | 40'x 1 | | | |
| | Power Ext. | 15'x 1 | | | |
| Functions | Self Diagnostic | YES | | | |
| | Waterproof | YES | | | |
| | Wiring | Heavy Duty | | | |



SONAR DETECTION FIELD

