

The logo for Kohltech, featuring the word "KOHLTECH" in a bold, black, sans-serif font with a blue underline.

Mobile | Industrial Surveillance Solutions

A background image of a construction site featuring a yellow and black striped traffic sign with "SLOW DOWN" and "Work Zone Recording" text, and a traffic cone on the right. A large blue diagonal graphic element is on the left side of the page.

# PRODUCT CATALOG

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# Why KOHLTECH?

As a technology integrator, we supply, design and manufacture custom solutions for our clients. We pride ourselves on not only the quality of our products, but the personalized service and support that we offer each customer.

Leveraging our 45 years of combined expertise, we offer proven solutions, and ensure, from beginning to end of the project, that the customer is satisfied.

We look forward to finding a solution for your company's needs.

**- Ryan Kohl**  
Owner

## Industries Served:

- ✓ **On-Highway & Off-Highway Trucking**
- ✓ **Construction** (General, Building, Highway, & Industrial)
- ✓ **Aggregate, Quarry & Mining**
- ✓ **Cement**
- ✓ **Service & Delivery Industries**
- ✓ **Equipment Sales & Rental**
- ✓ **U.S. Army Corps of Engineers**
- ✓ **Truck Mounted Attenuators (TMA) Industry**
- ✓ **Federal, State, City, County, & Local Governments**
- ✓ **Port Authorities** (Sea, Land and Air)
- ✓ **Railroad Construction & Equipment Yards**
- ✓ **Public & Student Transportation**
- ✓ **Refuse & Landfill**
- ✓ **Law Enforcement**
- ✓ **Material Handling**
- ✓ **Forestry & Lumber Industry**
- ✓ **Oilfield, Refinery, Hauling & Construction**
- ✓ **OEM's & DEM Up-Fitters**
- ✓ **Industry Suppliers of Safety & Support Items**
- ✓ **Industry Retailers** (Master Warehouse Dist., Distributor, & Dealer)

## RS-94TSR

- ✓ 9" High-Res Touchscreen Monitor
- ✓ Up to 144 Hours of Continuous Recording
- ✓ Single, Dual, Tri or Quad View
- ✓ GPS Module and Internal G-Sensor
- ✓ Waterproof IP69K Camera
- ✓ Camera IR Distance: 50ft.



### WDVM-74B

- ✓ Wireless Camera and Monitor
- ✓ 7" High-Res Monitor
- ✓ Up to 160 Hours of Continuous Recording
- ✓ Single, Dual, Tri or Quad View
- ✓ Waterproof IP69K Camera
- ✓ Camera IR Distance: 72ft.



### RS-73B-1080

- ✓ 7" High-Res Monitor
- ✓ 3 Camera Inputs and Integrated Speaker
- ✓ Backlit Buttons and Backup Grid
- ✓ 1080p Camera is IP69K Waterproof
- ✓ Camera IR Distance - 50ft.
- ✓ Integrated Microphone



### RS-73T-1080

- ✓ 7" High-Res Touchscreen Monitor
- ✓ 3 Camera Inputs and Integrated Speaker
- ✓ Backlit Buttons and Backup Grid
- ✓ 1080p Camera is IP69K Waterproof
- ✓ Camera IR Distance - 50ft.
- ✓ Integrated Microphone

- ✓ 1080p 190° Fish-Eye Cameras
- ✓ 4 Channels of 1080p at 30fps
- ✓ SD Based Storage
- ✓ 15 Second Pre Record Function
- ✓ HDMI Video Output
- ✓ Optional WiFi, 3G / 4G
- ✓ Optional GPS

The TotalView 360's wrap-around image of vehicle surroundings fully eliminates blind spots, provides evidence at all angles, and allows for easy navigation of tight spaces.



## HIGH-RESOLUTION PANORAMIC **IMAGE SYSTEM**



## R12 Series

- ✓ 12 Channels of 1080p Video
- ✓ Solid State Design - SSD+SD Storage
- ✓ Mirror Recording - SSD+SD
- ✓ GPS Module and Inertial Sensor
- ✓ Supports 4G LTE/WiFi for Live Viewing & Remote Management
- ✓ 3 Axis Internal Anti-Vibration Technology

**KOHLTECH's Mobile DVRs provide the resolution, ruggedness and latest features to protect your investments.**

**Remote monitoring, fleet management software and redundant recording capabilities add peace of mind to your bottom line.**



### LockBox

- ✓ Custom built to protect your KOHLTECH DVR from damage, tampering, and theft
- ✓ Hinged, lockable lid folds down for easy access



### R6 Series

- ✓ Up to 8 Channels of 1080p Video
- ✓ Solid State Design - SSD+SD Storage
- ✓ Mirror Recording - SSD+SD
- ✓ GPS Module and Inertial Sensor
- ✓ Supports 4G LTE/WiFi for Live Viewing and Remote Management
- ✓ 3 Axis Internal Anti-Vibration Technology



### R5 Series

- ✓ 5 Channels of 1080p Video
- ✓ Solid State Design - SSD+SD Storage
- ✓ Mirror Recording - SSD+SD
- ✓ GPS Module and Inertial Sensor
- ✓ Supports 4G LTE/WiFi for Live Viewing and Remote Management
- ✓ 3 Axis Internal Anti-Vibration Technology



### R4 Series

- ✓ 5 Channels of 720p Video
- ✓ Solid State Design - Dual SD Storage
- ✓ Mirror Recording
- ✓ GPS Module and Inertial Sensor
- ✓ Supports 4G LTE/WiFi for Live Viewing and Remote Management
- ✓ 3 Axis Internal Anti-Vibration Technology

## WIRED MONITORS

Mounting hardware, wiring harness, sunshade and remote control included



### MON-53B

- ✓ 5" High-Res Monitor
- ✓ 3 Camera Inputs, Optional 4th
- ✓ Distance Grid and Speaker
- ✓ 10-32V



### MON-73B

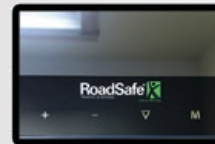
- ✓ 7" High-Res Monitor
- ✓ 3 Camera Inputs, Optional 4th
- ✓ Distance Grid and Speaker
- ✓ 10-32V



### MON-93T

- ✓ 9" High-Res Monitor
- ✓ 3 Camera Inputs, Optional 4th
- ✓ Distance Grid and Speaker
- ✓ 10-32V

CUSTOM BRANDING AVAILABLE  
FOR ORDERS STARTING AT 100 PCS



## WIRELESS MONITORS



### MON-54W

- ✓ 5.6" High-Res, Quad View Monitor
- ✓ 4 Cameras Inputs
- ✓ 393ft Range
- ✓ Auto Pairing & Channel Scan
- ✓ Distance Grid and Speakers



### MON-74WR

- ✓ 7" High-Res, Quad View Monitor
- ✓ Built in **RECORD** Feature
- ✓ 4 Camera Inputs
- ✓ 393ft Range
- ✓ Auto Pairing & Channel Scan
- ✓ Distance Grid and Speakers



### MON-94W

- ✓ 9" High-Res, Quad View Monitor
- ✓ 4 Cameras Inputs
- ✓ 393ft Range
- ✓ Auto Pairing & Channel Scan
- ✓ Distance Grid and Speaker

## SPECIALTY MONITORS

Mounting hardware, wiring harness, sunshade and remote control included



### MON-94TSR

- ✓ 9" High-Res Touch Screen
- ✓ Integrated **DVR**
- ✓ 4 Camera Inputs
- ✓ Integrated GPS and Impact Sensor
- ✓ Lockable Solid-State Storage up to 512GB. Max 144hrs Record Time
- ✓ Single, Dual or Quad View

### MON-73WP

- ✓ 7" High-Res Monitor
- ✓ 3 Camera Inputs
- ✓ Optional 4th Input
- ✓ Distance Grid
- ✓ Built-In Speaker
- ✓ 10-32V
- ✓ IP66 Waterproof

### MON-MDVR-7TS

- ✓ 7" High-Res Touch Screen
- ✓ Full DVR Control: Live View/Playback/Export
- ✓ Displays up to 9 Cameras on Screen
- ✓ Built-In Speaker

### MON-53WP

- ✓ 5" High-Res Monitor
- ✓ 3 Camera Inputs
- ✓ Optional 4th Input
- ✓ Distance Grid
- ✓ Built-In Speaker
- ✓ 10-32V
- ✓ IP66 Waterproof

### MON-73NAV

- ✓ 7" Monitor with Integrated Navigation
- ✓ WSVGA Touch Screen
- ✓ Dedicated Button to Switch Between Camera and NAV

CUSTOM BRANDING AVAILABLE FOR ORDERS STARTING AT 100 PCS



## HIGH-DEFINITION MONITORS



### MON-HD10

- ✓ 10.1", 1080p Monitor
- ✓ Touch Screen
- ✓ 4 Channel Inputs
- ✓ 10-32V

### MON-HD10Q

- ✓ 10.1", 1080p Monitor
- ✓ Touch Screen
- ✓ Single, Dual or Quad View
- ✓ 4 Channel Inputs
- ✓ 10-32V

### MON-HD7

- ✓ 7", 1024x600 Monitor
- ✓ Touch Screen
- ✓ 4 Channel Inputs
- ✓ 10-32V

### MON-HD7Q

- ✓ 7", 1024x600 Monitor
- ✓ Touch Screen
- ✓ Single, Dual or Quad View
- ✓ 4 Channel Inputs
- ✓ 10-32V

## Cameras Available in: 1080p, 720p, and 960H

### Specify When Ordering:

1. Part Number
2. Resolution



### CAM-1080N

- ✓ IR Distance: 50ft
- ✓ 130° FOV
- ✓ Audio Capture
- ✓ IP69k Waterproof



### CAM-1080SV

- ✓ Compact/Side-Mounted
- ✓ IR Distance: 16ft
- ✓ 150° FOV
- ✓ IP69k Waterproof



### CAM-1080M

- ✓ MiniCam
- ✓ 150° FOV
- ✓ Audio Capture
- ✓ IP69k Waterproof



### CAM-1080MIR

- ✓ MiniCam
- ✓ IR Distance: 26ft
- ✓ 130° FOV
- ✓ IP69k Waterproof



### CAM-1080DC

- ✓ Dual Camera
- ✓ 130° FOV
- ✓ Wide Dynamic Range
- ✓ IP69k Waterproof



### CAM-CMB120

- ✓ Flush Mount with Bumper
- ✓ IR Distance: 15ft
- ✓ 120° FOV
- ✓ IP69k Waterproof



### CAM-500W

- ✓ Wireless Camera
- ✓ IR Distance: 75ft
- ✓ 2.4Ghz Wireless Connection
- ✓ 490ft Wireless Range
- ✓ Audio Capture



### CAM-360

- ✓ 360° Rotation for Flexible Mounting/Compact Profile
- ✓ IR Distance: 15ft
- ✓ 120° FOV
- ✓ IP69k Waterproof



### CAM-420HS

- ✓ Autoshutter
- ✓ IR Distance: 50ft
- ✓ 120° FOV
- ✓ Audio Capture
- ✓ IP69k Waterproof

CUSTOM BRANDING AVAILABLE  
FOR ORDERS STARTING AT 100 PCS



# The Black Box

7" touch screen  
high-resolution  
monitor

1080p high-res  
360° recording with  
up to 5 cameras

GPS for real-time  
speed and location

Wheels for easy  
portability



Waterproof when  
closed and locked

Secure storage with  
lockable hard drive

1080p cameras,  
IP69k certified  
waterproof

Customizable  
cable lengths



## SOLID-STATE RELIABILITY

Solid state hard drive and DVR  
mounted in an ultra-durable  
Pelican™ case



## SIMPLE SETUP

Magnetic mounts attach cameras  
securely to any metal surface



## PORTABLE SECURITY

Completely self-contained  
1080p recording system  
powered by 12V car cord or  
optional built in battery

# Dashcams

The R Series dashcams provide the high resolution, ample storage, and cutting edge features our customers demand.

Whether for driver monitoring, evidence for an accident, or a record of stolen materials our dashcams provide clarity when it matters.



### R1 Series

- ✓ 1080p, 140° FOV Interior Camera
- ✓ 64GB SD Card Included
- ✓ Locking Storage
- ✓ G-Sensor
- ✓ Integrated GPS Module
- ✓ Night-Vision Module
- ✓ Optional 720p Rear Camera



### R3 Series

- ✓ 1080p, 130° FOV Interior Camera
- ✓ 64GB SD Card Included
- ✓ Locking Storage
- ✓ G-Sensor
- ✓ Integrated GPS Module
- ✓ WiFi Enabled Connection
- ✓ Optional Rear Camera

# Intercoms

When you need reliable and compact two-way communication, our IC Series intercoms deliver the durability, clarity, and volume that commercial and industrial applications require.



### IC-100A

- ✓ Channel is Closed until Button is Pressed
- ✓ 80-95 dB
- ✓ 12-24VDC
- ✓ IP68 Rating



### IC-100B

- ✓ Channel is Open to Cab
- ✓ 80-95 dB
- ✓ 12-24VDC
- ✓ IP68 Rating

### Constant Beeping Noise at the Worksite? Solved.

Multi-Frequency motion alarms offer an environmentally friendly alternative to the narrowband frequencies of the traditional beeping alarms.

Producing a highly directional and locatable "Shh... Shh..." sound that is confined to the danger zone, if you hear the sound, you know you are in danger. Noise complaints are reduced and worksites are made safer.

#### Specify When Ordering:

1. Product Number
2. Decible Rating



### Series 60 Horn

- ✓ Available in 102 or 107 dB
- ✓ 12-24 VDC Wiring Terminals
- ✓ Flexible mounting options
- ✓ Reinforced Nylon Housing
- ✓ Polarity Protection
- ✓ Epoxy Encapsulated Electronics
- ✓ RoHS, CE, SAE J994, IP68

### Series 50SA

- ✓ Self-Adjusting from 87-107 dB to 5 dB Above Ambient Noise Level
- ✓ 12/24 VDC Hard Wired
- ✓ 6" CAT Bolt Pattern Mounting
- ✓ Reinforced Nylon Housing
- ✓ Polarity Protection
- ✓ Epoxy Encapsulated Electronics
- ✓ RoHS, CE, SEC J994, IP67



### Series 50

- ✓ Available in 102 or 107 dB
- ✓ 12/24 VDC Hard Wired
- ✓ 6" CAT Bolt Pattern Mounting
- ✓ Reinforced Nylon Housing
- ✓ Polarity Protection
- ✓ Epoxy Encapsulated Electronics
- ✓ RoHS, CE, SAE J994, IP67

### Series 30

- ✓ Available in 77, 87, 97 or 102 dB
- ✓ 10-48 VDC Wiring Terminals
- ✓ Flexible Mounting Options
- ✓ Reinforced Nylon Housing
- ✓ Polarity Protection
- ✓ Epoxy Encapsulated Electronics
- ✓ RoHS, CE, SAE J994, IP68

### Series 30SA

- ✓ Self-Adjusting from 77-97 or 82-102 dB to 5 dB Above Ambient Noise Level
- ✓ 12/24 VDC Wiring Terminals
- ✓ Flexible Mounting Options
- ✓ Reinforced Nylon Housing
- ✓ Polarity Protection
- ✓ Epoxy Encapsulated Electronics
- ✓ RoHS, CE, SAE J994, IP68

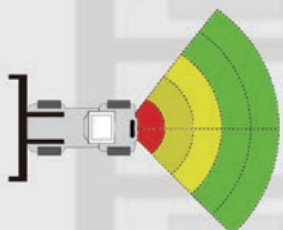
Part Number: AL-HS-Warn

- ✓ Eliminates Blind Spots
- ✓ Provides Audio and Visual Alerts to Help Avoid Collisions
- ✓ Works in All Conditions: Darkness, Dirt, Fog, Rain, and Snow
- ✓ Reduces costs from accidents, injuries and insurance claims
- ✓ Camera and Monitor are Optional. Integrates with Existing Equipment.
- ✓ 5 Customizable Detection Zones from 0.1m to 20m

Even in the most demanding of situations, HindSight™ delivers the features and reliability to protect your equipment and crew. Customizable alerts and flexible mounting options mean that whatever your vehicle, HindSight™ is the perfect fit.



# REDUCE COSTS FROM ACCIDENTS, INJURIES & INSURANCE CLAIMS



5 CUSTOMIZABLE DETECTION ZONES

**FROM 0.1m TO 20m**

## LED Work Lighting

Ultra-bright and long-lasting LEDs provide reliable illumination for the most demanding environments



### LED-21FR

- ✓ 4" Worklight
- ✓ 14 LEDs at 21W
- ✓ Flood Lens
- ✓ 2,660 Raw Lumens
- ✓ IP68K Waterproof



### LED-24FS

- ✓ 4" Work Light
- ✓ 16 LEDs at 24W
- ✓ Flood Lens
- ✓ 3,040 Raw Lumens
- ✓ IP69K Waterproof



### LED-135ES

- ✓ 4" Worklight
- ✓ 9 LEDs at 13.5W
- ✓ Flood or Spotlight Lens
- ✓ 1,210 Effective Lumens
- ✓ IP69K Waterproof



### LED-135ER

- ✓ 4" Worklight
- ✓ 9 LEDs at 13.5W
- ✓ Flood or Spotlight Lens
- ✓ 1,250 Effective Lumens
- ✓ IP69K Waterproof



### LED-HDCF80

- ✓ 4" Cube Light
- ✓ 16 LEDs at 80W
- ✓ Flood or Spot Lens Avail.
- ✓ 6,500 Effective Lumens
- ✓ IP67 Waterproof



### LED-HDCF29

- ✓ 4" Cube Light
- ✓ 10 LEDs at 29W
- ✓ 140° Wide Beam Angle
- ✓ 2,100 Effective Lumens
- ✓ IP67 Waterproof



### LED-BCN24B

- ✓ 24 LEDs at 24W
- ✓ 50k Hour Work Life
- ✓ 10G shock rated
- ✓ Magnetic or Bolt Mount
- ✓ IP69K Waterproof
- ✓ 93(H) x 112(D) mm



### LED-BCN24L

- ✓ 24 LEDs at 24W
- ✓ 50k Hour Work Life
- ✓ 10G shock rated
- ✓ Magnetic or Bolt Mount
- ✓ IP69K Waterproof
- ✓ 138(H)x 144(D) mm



### LED-88SEC

- ✓ 198W Strobe Light Bar
- ✓ TIR LEDs
- ✓ 30 Amber Flash Patterns
- ✓ DC 12-24V
- ✓ 48" x 11.8" x 1.8"
- ✓ IP67 Waterproof



### LED-180EC

- ✓ 180W, 35" Combo Spot/Flood
- ✓ Available in Lengths from 6" - 60"
- ✓ 1.25" Deep Heat Sink
- ✓ 14" Heavy-Duty Lead/Ground Wire
- ✓ 12A - 12VDC, 6 - 24VDC
- ✓ IP68 Waterproof

All Lights Have ✓ Full LEDs ✓ IP67 Ratings ✓ Polycarbonate Lenses ✓ Fusion Welded Housings

## Truck Body Lights



- ✓ 4" Stop, Tail, and Turn Lights



- ✓ 4" Turn, Warning, Full Strobe Optional



- ✓ 4" Backup or Area Light



- ✓ 4" Stop, Tail, Turn, and Backup Lights



- ✓ 2" Clearance Marker



- ✓ 6" Stop, Tail, Turn, and Backup Lights

We Have a Wide Selection of LED Vehicle Lighting with Various Options and Accessories

# Features:

- ✓ 10.5" digit height detection range for optimal legibility even in bright sunlight.
- ✓ Built in rotary switch to set cut off and violator speed without connecting a computer.
- ✓ White LED strobe and display flash can be activated to draw attention to speeding.

Part Numbers:  
Radar Board: RDRSPD-WARN  
Message Board: MSG-44



## Effective

State and national research suggests that the most effective tool for decreasing driving speeds in a work zone is a notification that alerts drivers to their speed.

## Flexible

The radar system can operate as a stand-alone system, with integrated tracking software to keep records of traffic speeds throughout the day and provide notification to traffic speeds in a work zone.

## Integrates

Radar system can be integrated with a black box recording systems to document video of all oncoming traffic and their corresponding speeds.

# **KOHLTECH**

Mobile | Industrial Surveillance Solutions

**KOHLTECH is committed to your success. Whether you are a small business needing industry advice or a multi-national company that requires a complex fleet solution, our team has the expertise necessary to see your project through.**

**Contact us and see the difference that KOHLTECH's personalized service and support make to your project.**