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ABOUT THIS CATALOG AND PROGRAM:

1. Changes: Products shown and descriptions are as accurate as possible at the time of printing. ASA Electronics reserves the right to make improvements or changes without prior notification or re-printing of this catalog.

2. Need Assistance: If you have any technical or product questions call ASA Electronics toll free at 800-859-3899. Our technical and customer service staffs can assist you with any questions concerning application, fit, function or service. Office hours are 8:00A - 6:00P EST Monday-Friday.

3. Product Part Numbers: All part numbers shown in this catalog have a “ZAE” prefix to identify them as products for CNH dealers. The actual part you receive may or may not be labeled with the ZAE prefix. Always order by the complete CNH part number.

4. Pricing: All stereo prices are available through CNH. Do not contact ASA Electronics for pricing.

5. Important: Do not call ASA Electronics or fax us with your order. We cannot accept direct dealer orders nor can we provide you with dealer or retail pricing.

6. Shipping: Most orders are usually shipped from ASA Electronics within five days of receipt.

7. Warranty & Repair: See below.

Warranty:
1. The Warranty for all dealers is a “no-fault” “return for replacement” warranty. ASA Electronics reserves the right to replace the returned item with either a factory remanufactured unit, a repaired unit or a new unit.
2. The warranty duration is two (2) years from date of manufacture with the following exception: Dealer shelf life is limited to one year. Therefore any product returned for warranty coverage that is more than three (3) years old (two year from manufacturer plus one year shelf life), as determined by the dated production date on the chassis serial number label will be considered “out-of-warranty” and the claim will be denied.
3. This warranty is solely between you (the dealer) and ASA Electronics (the company). There is no supplemental or service warranty supporting this warranty. There are no payments for either travel expenses or labor for the removal, reinstallation or service of the warranted product.

No-Fault Warranty Defined:
1. No fault is defined as within the warranty period, should your product fail for any reason; we will replace it subject to the above warranty policy. The only exclusions are any LCD display panel, video, stereo entertainment, monitors or cameras that have been damaged by accident, abuse or neglect which are not covered under these products warranty.
2. Simply stated, subject to the above exception, we will never deny your warranty claim provided it meets the defined requirements.

Warranty Claim Procedure:
1. Your customer returns the defective product to you, the dealer, along with a copy (do not send the original) of the bill of sale.
2. You call 800-859-3899 for a “Return Authorization” (RA) and return instructions
3. Return the defective product as explained to you by your customer service agent. A replacement (see #1 under “warranty” above) will be sent within five working days.

Out-of-Warranty Policy:
1. ASA Electronics does not repair out of warranty products. You will be required to purchase a new model.
2. Again as a reminder, ASA Electronics will not take calls from your retail customer on any warranty or pricing issues. Without a formal “Return Authorization,” ASA Electronics will refuse any returned product.

Consumer Products:
Some products in this guide are consumer products rather than Heavy Duty products, and therefore offer a one-year consumer warranty.

Consumer Warranty:
1. The warranty for all products in this consumer guide is a 1 Year “return for repair or replacement” warranty. ASA Electronics reserves the right to replace the returned item with either a factory remanufactured unit, a repaired unit or a new unit.
2. The warranty duration is one (1) year from the date of retail sale with the following exception: Dealer shelf life is limited to one (1) year. Therefore any product returned for warranty coverage that is more than two (2) years old (1 year warranty plus one year shelf life), as determined by the ship date of the product to the dealer, will be considered “out-of-warranty” and the claim will be denied.
3. This warranty is solely between you (the dealer) and ASA Electronics (the company). There is no supplemental or service warranty supporting this warranty. There are no payments for either travel expenses or labor for the removal, reinstallation or service of the warranted product.
ZAEJHD3630BTHD – JENSEN Heavy Duty AM/FM/CD/USB/WB/Bluetooth®/iPod® & iPhone® Ready/SiriusXM-Ready™ Stereo

FEATURES:
- 180 watt maximum power output (45W x 4)
- Bluetooth streaming audio (A2DP/AVRCP)
- Hands-Free calling (HFP) via Bluetooth (ZAEJMICHFPHD microphone required - see ZAEJHD3630BTMIC below)
- iPod/iPhone controls and charging via front USB input
- SiriusXM satellite radio (SiriusXM tuner/antenna and subscription required)
- 30-second electronic skip protection for CDs (ESP)
- Seven-channel NOAA weatherband tuner
- MP3/WMA compatible
- AM/FM tuner with RBDS (US/Euro)
- Front and rear AUX inputs; Pre-amp line-out
- S.A.M.E. (Specific Area Message Encoding)
- Large, user-friendly controls and buttons
- Easy-to-read, dot-matrix display with clock
- 30-day, non-volatile memory for station pre-sets and audio/user menu settings
- Two-wire hookup prevents battery drain when vehicle is off
- Conformal coated circuit boards
- Durable design and construction
- Wireless remote control compatible (ZAEREMJHD10CCHD sold separately)
- RoHS compliant

ZAEJHD3630BTMIC – ZAEJHD3630BTHD stereo with included ZAEJMICHFPHD microphone

ZAEJHD1635BTHD – JENSEN Heavy Duty AM/FM/USB/WB Bluetooth®/iPod® & iPhone® Ready/ SiriusXM-Ready™ Stereo

Same features as ZAEJHD3630BTHD except for:
- No CD player
- Includes ZAEJMICHFPHD microphone for hands-free calling (HFP) via Bluetooth
- Additional USB input on rear pigtail

NOTE: These products are covered under a 2-year Heavy Duty warranty.
ZAEJHD1630HD – JENSEN Heavy Duty AM/FM/WB/iPod® & iPhone® Ready/SiriusXM-Ready™ Stereo

Same features as ZAEJHD1635BTHD with the exception of Bluetooth and rear USB input.

ZAEJHD1130HD – JENSEN Heavy Duty AM/FM/WB Stereo

Features:
- 160 watt maximum power output (40W x 4)
- Seven-channel NOAA weatherband tuner
- Electronic AM/FM tuner with RBDS (US/Euro)
- Front AUX input
- Large, user-friendly controls and buttons
- Easily visible dot-matrix display with clock
- Durable design and construction
- 30-day, non-volatile memory for station pre-sets and audio/user menu settings
- Conformal coated circuit boards
- Two-wire hookup prevents battery drain when vehicle is off
- Heavy-duty design for maximum durability under all conditions
- Wireless remote control compatible (ZAEREMJHD10CCHD sold separately)
- RoHS compliant

ZAEREMJHD10CCHD
JENSEN Stereo Remote Control
Works with:
ZAEJHD3630BTHD
ZAEJHD1630HD
ZAEJHD1130HD
ZAEJHD1635BTHD

NOTE: These products are covered under a 2-year Heavy Duty warranty.
NOTE: These products are covered under a 2-year Heavy Duty warranty.

**ZAETRA4500HD**
JENSEN Heavy Duty AM/FM Digitally-Tuned Fender Mount Radio

**FEATURES:**
- 30 station presets
- Integrated 5" x 7" speaker and antenna
- ZAE1181058HD antenna mast included
- Molded, hi-impact housing
- Completely weatherproof
- Automatic dual-polarity for 12 volt +/- ground equipment
- Built-in headphone jack
- Protective cover (hinged)
- Dimensions: 10"W x 8"H x 8"D

**ZAEJHD40BTHD**
JENSEN Heavy Duty AM/FM/WB/USB/Bluetooth® Stereo

**FEATURES:**
- 160 watts max (40W x 4)
- Bluetooth streaming audio (A2DP) and controls (AVRCP)
- Waterproof (IPX6)
- Seven-channel NOAA weatherband tuner
- AM/FM tuner with 30 station presets
- Auto-store/Preset scan
- iPod/iPhone ready via USB (rear pig tail)*
- Two-wire power (ground, +12VDC switched)
- Line level audio output (rear RCA pair)
- Auxiliary audio input (rear RCA pair)*
- Mounting options: front flush mount, rear flush mount or surface mount with the AMPS pattern
- White LED backlit dot matrix LCD display/buttons
- AMP remote turn on (12V @ 500mA)
- Wired remote control ready
- Conformal coated circuit boards
- Low battery warning
- UV resistant finishes/materials (ASTM D4329)
- Corrosion resistant materials (ASTM B117)
- ZAE1181058HD antenna mast included

**ZAE1181039HD** – JENSEN 14” Top or Side Mount Rubber Mast Antenna

**FEATURES:**
- Complete antenna package includes antenna, mounting hardware and instructions
- Attached 59” antenna cable
- Rubber gasket for watertight mounting
- Mounting base adjusts 90° for either top or side mounting
- Rubber mast prevents breakage associated with normal metal mast antennas
- Molded, hi-impact housing
- Completely weatherproof
- Automatic dual-polarity for 12 volt +/- ground equipment
- Built-in headphone jack
- Protective cover (hinged)
- Dimensions: 10"W x .875"H x .75"D

**ZAE1181058HD** – JENSEN Replacement Rubber Mast
Replaces mast for ZAE1181039HD antenna and ZAETRA4500HD radio

**ZAEJENAUX** – JENSEN USB interface port for connection to USB capable stereos
Includes 1/8" auxiliary input jack with RCA cable and waterproof cover

**NEW AND IMPROVED CONTROLS**

**ZAEJEN150SRHD**
AM/FM amplified antenna with 7’ cable
- 14.5"W x .875"H x .75"D

**ZAEAN150SRHD**
AM/FM amplified antenna
- 14.5"W x .875"H x .75"D

**ZAE1200BT**
Add-on Bluetooth® Kit

**FEATURES:**
- Simple installation via antenna hookup and power/ground/accessory lead
- Works with any factory or aftermarket radio with antenna
- Compatible with most Bluetooth-enabled phones for streaming audio and hands-free calling
- Voice-activated dialing (depends upon phone function and capability)
- Excellent sound quality through vehicle’s speakers
- Automatic stereo muting for added safety and convenience
- Also works with Apple® voice assistant Siri® by pressing answer button

**ZAEJMICHFPHD**
JENSEN 12’ Omnidirectional Microphone

**FEATURES:**
- Locking connector
- Visor clip and 3M adhesive pad included
- Works with JENSEN Heavy Duty Bluetooth-enabled stereos
NOTE: These products are covered under a 2-year Heavy Duty warranty.

ZAEJCD2010
JENSEN Automotive AM/FM/CD Stereo
FEATURES:
• 160 watt maximum power output (40W x 4)
• Euro-DIN (sleeve-mount) chassis design
• Amber LED illumination
• AM/FM tuner with 30 station presets
• Auto-store (AS)
• Preset scan (PS)
• CD player (CD-R/RW compatible)
• 40-second CD ESP (Electronic Skip Protection)
• CD track pause/repeat/intro and random play features
• Preset equalizer (classical, rock, pop, user settings)
• Stereo AUX audio input (3.5mm front jack)
• Rotary encoder volume control
• Three-wire hookup (ACC, Batt, Gnd)
• Loudness
• Clock
• Mute

Includes the 31100114 adapter harness for use on:
Most current production Case IH and New Holland AG & CE equipment. Compatible with ZAEJCD2010 ONLY.

ZAEJAN139HD
JENSEN 6" Top or Side Mount Rubber Mast Antenna
FEATURES:
• Attached 39" cable
• Mounts on top or side of vehicle
• 6" Rubber mast prevents breakage
• Aero styling
• Heavy-duty design

ZAEJAN139HD
JENSEN 6" Top or Side Mount Rubber Mast Antenna
FEATURES:
• Attached 39" cable
• Mounts on top or side of vehicle
• 6" Rubber mast prevents breakage
• Aero styling
• Heavy-duty design

ZAEJDVD1500
JENSEN AM/FM/Bluetooth®/CD/DVD Player
FEATURES:
• Three-wire power (ACC, BAT+, GND)
• Bluetooth streaming audio (A2DP) and controls (AVRCP)
• Single-DIN (sleeve-mount) chassis design
• AM/FM tuner with 30 station presets
• Single CD/DVD player (DVD, CD-A, CD-R/RW)
• MP3 support
• Last position memory, intro scan, repeat track/title, random
• Auto-store (AS), preset scan (PS), seek tuning, manual tuning
• RCA stereo input and four-pin microphone input
• Stereo pre-amp audio output (rear RCA)
• Encoded rotary volume control
• Parallel RCA composite AV outputs (2)
• Preset EQ (flat, pop, rock, classic)
• Electronic skip protection (30 second)
• Segmented LCD display
• Audio mute/loudness
• Credit card-size remote control included (JENSEN IR codes)

ZAECE241210AHD – 10 Amp 24-12 volt DC Converter
FEATURES:
• 10 amp maximum load capacity - suitable for most high power radios and accessories
• For use with 24 volt negative ground systems
• All aluminum housing
• Dimensions: 4.375"W x 2"H x 3.5"D

NOTE: These products are covered under a 2-year Heavy Duty warranty.
Meet the MINI!

**ZAEJHD910HD** – JENSEN Heavy Duty MINI Waterproof AM/FM/WB Radio

**FEATURES:**
- Play your iPod, MP3 or other portable music player through the convenient front mini-jack input with included 4’ patch cord
- 12 volt DC system - no batteries to recharge or replace
- Simple two-wire system allows for easy hook up and prevents battery drain when vehicle is not in use (all necessary parts included)
- Completely waterproof - built to withstand any environment
- Seven-channel NOAA weatherband tuner
- Weather Alert automatically switches to WB mode when NOAA warning broadcast is received
- Listen to music through any stereo headphones with 3.5mm jack or through the built-in 15 watt stereo amplifier
- Works with most factory installed speaker/antenna systems or our JENSEN speakers, headphones and antennas (sold separately)
- Backlit controls with selectable amber or green illumination color
- 30 programmable station presets (18FM/12AM)
- Built-in job site work timer
- Electronic seek up/down/volume/bass/treble/balance
- 12/24 hour clock
- Dimensions: 5.2”W x 3.4”H x 1.9”D

**ZAEJHD910BTKHD** – JENSEN Bluetooth®-enabled MINI Radio and Wireless Headphone Kit

**ZAEJXHDBT1HD** – JENSEN Bluetooth Wireless Headphones

**FEATURES:**
- Bluetooth streaming audio (A2DP)
- Hands-Free Protocol (HFP)
- Range up to 32 feet
- Reduces outside noise
- Built-in microphone
- Rechargeable batteries and charger included
- Multi-link simultaneously pairs two Bluetooth-enabled devices
- Adjustable padded headband
- Up to 6 hrs talk time, 10 hrs music playtime, 20 hrs standby time
- Auto shut-off

**ZAEJHD910BTHD** – JENSEN Heavy Duty MINI Waterproof AM/FM/WB Radio with Bluetooth

Same features as the ZAEJHD910HD plus:
- Listen to music through Bluetooth enabled stereo headphones or the built-in 15 watt stereo amplifier
- Works with JENSEN ZAEJXHDBT1HD Bluetooth headphones, as well as most Bluetooth streaming audio (A2DP) headphones
- AUX-in on both the front panel and off the back of the radio for a more permanent installation

NOTE: These products are covered under a 2-year Heavy Duty warranty.
**NOTE:** These products are covered under a 2-year Heavy Duty warranty.

**ZAEJHD910PKGHD - JENSEN Heavy Duty Audio Package**

**INCLUDES:**
- MINI Waterproof Radio (ZAEJHD910HD)
- 6” side mount rubber mast antenna (ZAEJAN139HD)
- 3.5” MINI waterproof surface mount speakers (ZAEJXHD35HD)

**ZAEJHD910ROPSHD – JENSEN Universal Roll Bar Mounting Kit for ZAEJHD910HD MINI Radio & Accessories**

**FEATURES:**
- Includes clamp-on brackets that attach to ROPS Bar (no drilling), two speaker wiring harness, mounting hardware and instructions
- Ideal for any equipment with ROPS bar such as open station tractors, zero turn mowers and some construction equipment
- Bracket mounts the ZAEJHD910HD radio, ZAEJXHD35HD or ZAE30HDSHD speakers (each sold separately)

**ZAEJHD910KITHD – JENSEN Universal Mounting Kit for ZAEJHD910HD MINI Radio & Accessories**

**FEATURES:**
- Includes backing plate and mounting bracket, two speaker wiring harness, hardware and instructions
- Ideal for skid steers and all open station equipment without a ROPS bar
- Bracket mounts the ZAEJHD910HD radio & ZAEJXHD35HD speakers (each sold separately)

**ZAEJHD910SXSHD – JENSEN Universal Side-X-Side Mounting Kit**

**FEATURES:**
- Includes three backing plates (radio and speakers), two speaker wiring harness, mounting hardware and instructions
- Ideal for all side-x-side utility vehicles
- Bracket mounts the ZAEJHD910HD radio, ZAEJXHD35HD or ZAE30HDSHD speakers (each sold separately)

**ZAEJHD910ROPSHD – JENSEN Universal Roll Bar Mounting Kit for ZAEJHD910HD MINI Radio & Accessories**

**FEATURES:**
- Includes clamp-on brackets that attach to ROPS Bar (no drilling), two speaker wiring harness, mounting hardware and instructions
- Ideal for any equipment with ROPS bar such as open station tractors, zero turn mowers and some construction equipment
- Bracket mounts the ZAEJHD910HD radio, ZAEJXHD35HD speakers, ZAE1181039HD or ZAEJAN139HD antenna (each sold separately)
- Matching bracket mounts second speaker on opposite side

**NOTE:** These products are covered under a 2-year Heavy Duty warranty.
ZAEJXHD35HD – JENSEN Heavy Duty 3.5” MINI Waterproof Surface Mount Speakers

FEATUERES:
• Max Power Handling: 30 watts
• Waterproof for exposed outdoor mounting
• Mounting Hole Diameter: 3.75”
• Mounting Depth: 1.625”
• Can be surface or flush mounted, or mounted using included adjustable “U” bracket
• Ideally paired to the ZAEJHD910HD MINI waterproof radio
• Includes wiring and hardware
• Sold as pair

ZAE1000HDSHD – JENSEN Heavy Duty 5” Deluxe Speakers

FEATUERES:
• Fully weatherproof and designed for outside use
• Max Power Handling: 60 watts
• Grille Diameter: 5”
• Mounting Hole Diameter: 3.75”
• Mounting Depth: 1.25”
• Includes wiring and hardware
• Sold as pair

ZAE30HDSHD – JENSEN Heavy Duty Dual Cone Surface Mount Speakers

FEATUERES:
• Fully weatherproof and designed for outside use
• Max Power Handling: 60 watts
• Grille Diameter: N/A
• Mounting Hole Diameter: Surface or flush mount
• Mounting Depth: Surface or flush mount
• Grilles detach from molded ABS enclosures for flush mounting
• Includes wiring and hardware
• Sold as pair

ZAE1103050HD
JENSEN 4” Heavy Duty Dual Cone Entry Level Speaker

FEATUERES:
• Fully weatherproof and designed for outside use
• Max Power Handling: 30 watts
• Grille Diameter: 4”
• Mounting Hole Diameter: 3.75”
• Mounting Depth: 1.75”
• Speaker grille NOT included
• Sold Individually

ZAE1022097HD – JENSEN Speaker Grille

FEATUERES:
• Grille for ZAE1103050HD speaker
• ABS metal mesh
• Sold Individually

NOTE: These products are covered under a 2-year Heavy Duty warranty.
ZAEJXHD40HD – JENSEN Heavy Duty
4” Sealed Waterproof Speakers

FEATURES:
• Bridge mounted tweeter
• Fully waterproof for exposed outdoor mounting
• Max Power Handling: 120 watts
• Grille Diameter: 5”
• Mounting Hole Diameter: 3.75”
• Mounting Depth: 1.625”
• Sold Individually

ZAEJXHD54HD – JENSEN Heavy Duty
5.25” Sealed Waterproof Speakers

FEATURES:
• Bridge mounted tweeter
• Fully waterproof for exposed outdoor mounting
• Max Power Handling: 135 watts
• Grille Diameter: 5.5”
• Mounting Hole Diameter: 5”
• Mounting Depth: 2.125”
• Sold Individually

ZAENHLBKITHD – JENSEN Loader Backhoe
Speaker Kit

INCLUDES: Two (2) ZAEJXHD40HD JENSEN Heavy Duty 4” sealed waterproof speakers, two (2) 5” speaker grilles (required for application) and two (2) mounting screws

ZAEJXA8BA2HD – JENSEN 8” Amplified Subwoofer

FEATURES:
• Max Power Handling: 150 watts (75 watts RMS)
• 12 volt DC power
• Ported enclosure design for enhanced low frequency output
• Mate-in-Lock connectors for easy installation
• Right angle mounting brackets included
• Adjustable gain and crossover
• High and low line-level inputs
• Voice coil impedance: 4 ohms
• Voice coil size: 38.6mm
• Magnet size: 120 x 20mm
• Frequency response: 53Hz to 600Hz
• Dimensions: 19.6”x 9.9”x 5.9”

ZAEJMPSW800 – JENSEN 8” Amplified Subwoofer

FEATURES:
• Max Power Handling: 200 watts
• 12 volt DC power
• Built-in amplification
• Black anodized, all-aluminum enclosure
• Mate-in-lock connectors for easy installation
• Adjustable gain and crossover
• Low line-level inputs
• Frequency: 60Hz - 200Hz
• Vertical and horizontal mounting provisions

NOTE: These products are covered under a 2-year Heavy Duty warranty.
**Mini Fridge**

**ZAEREF12V** – Advent 12 Volt Mini Fridge/Warmer

**FEATURES:**
- Thermoelectric cooler/heater
- Max cooling temperature down to 40°F in 30 minutes
- Max warming temperature up to 140°F in 60 minutes
- LED indicator light - red for warming, blue for cooling
- 7.1 liter capacity
- Shoulder strap for easy portability
- 12 foot cigarette lighter adapter cable for DC power
- Keeps drinks cold and sandwiches dry
- Increased internal height to accommodate taller 20 ounce bottles; holds up to six-16.9 oz. bottles, four-20 oz. bottles or eleven-12 oz. cans
- Lid contains built-in tray
- Exterior dimensions: 6.9"W x 11.9"H x 13"D
- Interior dimensions: 5.9"W x 9.1"H x 8.5"D
- Weight: 6.5 lbs.

**NOTE:** This product is covered under a 1-year Heavy Duty warranty.

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**Audio Display**

**JENSEN Heavy Duty Audio Display**

**FEATURES:**
- Made of heavy-duty black anodized metal
- Either the radio or stereo can play through speakers
- Graphic listing 'Key Features' of all items being displayed

**DISPLAY INCLUDES:**
- ZAEJHD910HD MINI Heavy Duty Radio
- ZAEJHD3630BTHD Heavy Duty Stereo
- ZAEJXHD35HD Weatherproof Speakers
- ZAE1181039HD 4" Heavy Duty Rubber Mast Antenna
- ZAEJAN139HD 6" Heavy Duty Rubber Mast Antenna
- One FREE ZAEJHD910HD
- One FREE ZAEJHD3630BTHD

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**Buy this JENSEN Heavy Duty Audio Display and get a ZAEJHD910HD radio and ZAEJHD3630BTHD stereo FREE!**

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**ZAEDSPJHD3630HD**

**JENSEN Heavy Duty Audio Display**

**FEATURES:**
- Made of heavy-duty black anodized metal
- Either the radio or stereo can play through speakers
- Graphic listing 'Key Features' of all items being displayed

**DISPLAY INCLUDES:**
- ZAEJHD910HD MINI Heavy Duty Radio
- ZAEJHD3630BTHD Heavy Duty Stereo
- ZAEJXHD35HD Weatherproof Speakers
- ZAE1181039HD 4" Heavy Duty Rubber Mast Antenna
- ZAEJAN139HD 6" Heavy Duty Rubber Mast Antenna
- One FREE ZAEJHD910HD
- One FREE ZAEJHD3630BTHD
NOTE: These products are covered under a 2-year Heavy Duty warranty.

ZAE31100101HD
FOR USE ON: Current production Case IH and CE and New Holland AG and CE equipment when installing a newer model JENSEN Heavy Duty radio.*
NOTE: This adaptor is included with every current JENSEN Heavy Duty radio.*

ZAE1129060HD
FOR USE ON: Current production Case IH and CE and New Holland AG and CE equipment when installing a 2009 or older JENSEN Heavy Duty radio.

ZAE1129060NHD
FOR USE ON: Current production Case IH and CE and New Holland AG and CE equipment when installing a ZAEJHD1510 or ZAEJHD3510 Heavy Duty Radio.
NOTE: This adaptor is included with every ZAEJHD1510 & ZAEJHD3510 Heavy Duty radio.

ZAE31100103HD
FOR USE ON: Most older production Case IH and CE and New Holland AG and CE equipment with a Packard 6-pin connector, when installing a newer model JENSEN Heavy Duty radio.*

ZAE1121541HD
FOR USE ON: Most older production Case IH and CE and New Holland AG and CE equipment with a Packard 6-pin connector, when installing a 2009 or older JENSEN Heavy Duty radio.

ZAE31100104HD
FOR USE ON: Most older production Case IH and CE and New Holland AG and CE equipment with a Yazaki 13-pin connector, when installing a newer model JENSEN Heavy Duty radio.*

ZAE1121875HD
FOR USE ON: Most older production Case IH and CE and New Holland AG and CE equipment with a Yazaki 13-pin connector, when installing a 2009 or older JENSEN Heavy Duty radio.

ZAE31100107HD
FOR USE ON: Case Crawlers (650L, 750L, 850L, 1150L 1650L) with a 14-pin Molex connector, when installing a newer model JENSEN Heavy Duty radio.*

ZAE31100056HD
FOR USE ON: Current production Case IH and CE and New Holland AG and CE equipment when installing a ZAEJMD200 Medium Duty radio.
NOTE: This adaptor is included with every ZAEJMD200 Medium Duty radio.

ZAE31100100HD
FOR USE ON: Any other equipment, when installing a newer model JENSEN Heavy Duty radio.* This harness has blunt cut wires that can be used to hard wire (splice) to any existing wiring.

ZAE31100102HD
FOR USE ON: Most current Kubota and Bobcat equipment with 9-pin/4-pin Cadillac Hoffman connectors, when installing a newer model JENSEN Heavy Duty radio.* This is the connector that was used on the ZAEJHD1510 and ZAEJHD3510 radios.

ZAE31100108HD
FOR USE ON: Most Caterpillar equipment with 8-pin Deutch connectors when installing a newer model JENSEN Heavy Duty radio.*

ZAE31100114
Replacement harness for the JENSEN ZAEJCD2010 radio ONLY.
**Stereo Harness Compatibility for:**
ZAEJHD1130HD, ZAEJHD1630HD, ZAEJHD1635BTHD, ZAEJHD3630BTHD

<table>
<thead>
<tr>
<th>Harness Part#</th>
<th>Fits Most</th>
<th>Pin Out</th>
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<tbody>
<tr>
<td>ZAE31100101HD</td>
<td>Current Case, Case IH, McCormick and JCB</td>
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<tr>
<td>ZAE31100103HD</td>
<td>Older Case and New Holland Machines</td>
<td>6-pin Packard</td>
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<td>ZAE31100104HD</td>
<td>Older Case, Case IH and New Holland Machines</td>
<td>13-pin Yazaki</td>
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<td>Anything</td>
<td>Blunt cut wires</td>
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<td>ZAE31100102HD</td>
<td>Kubota, Bobcat</td>
<td>9-pin/4-pin Hoffman</td>
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<tr>
<td>ZAE31100107HD</td>
<td>Current Case and New Holland Crawlers</td>
<td>14-pin Molex</td>
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**NOTE:** If ordering packs of 10, we recommend you order a selection of harnesses that best meets your replacement trend.

**Replacement Part Number Cross Reference**

<table>
<thead>
<tr>
<th>Old CNH Model#</th>
<th>Direct Replacement</th>
<th>Similar Replacement</th>
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<tbody>
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<td>9624714DS</td>
<td>ZAEJHD1130HD</td>
<td>ZAEJHD1630HD</td>
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**Fender Mount Radios**

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**Roof Mount Radios**

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1-Camera

ZAEVOM74WPHD – Voyager Heavy Duty
Voyager 7” Multi-View LCD Monitor with Four Camera Inputs

FEATURES:
• Waterproof (IPX5) and dust proof
• Four camera inputs and six triggers
• Single image, split-screen, or QuadView display modes
• Turn-signal (pulsed DC) compatible trigger inputs
• 24 or 12 volt operation
• Built-in speaker
• Included in ZAEVOSHDCL1BHD and ZAEVOSHDCL2BHD systems
• Dimensions: 7.75”W x 5.25”H x 1.125”D

ZAEVCMS155BHD – Voyager CMOS Color Camera

FEATURES:
• 12 volt DC
• Waterproof (IPX7)
• Viewing angle: 155°
• IR LED assisted illumination (0 Lux with IR LED on)
• Built-in microphone
• Normal/Mirror image switch
• Electronic iris
• Dimensions: 2.7”W x 1.7”H x .5”D

ZAECEC25HD – 25’ Camera Extension Cable

FEATURES:
• Locking connectors
• Fully weatherproof connectors on both ends allows multiple “daisy chain” connections up to 200’ max.
• Impervious to chemicals, oils, gasoline, salt, etc.

2-Camera

ZAEVOSHDCL2BHD – Voyager Heavy Duty
Two-Camera Observation System

INCLUDED:
• ZAEVOM74WPHD
• ZAEVCMS155BHD (2)
• ZAEVE25HD (3)
• ZAEVOSHD4MNTHD

ZAEVOSHD4MNTHD – 4” Universal Pedestal Monitor Mount

FEATURES:
• Solid cast/machined aluminum pedestal
• Adjustable thumb screw knuckle at midpoint
• Universal four-hole mounting pattern compatible with all Voyager monitors
• Matte black finish

NOTE: These products are covered under a 2-year Heavy Duty warranty.
Build your own Observation System!

You will need to...

1. Select a monitor.
2. Select camera type and quantity.
3. Select cable quantity and specify lengths.

**ZAEVOM74WPHD** – Voyager 7” Multi-View LCD Monitor with Four Camera Inputs

**FEATURES:**
- Waterproof (IPX5) and dust proof
- Four camera inputs and six triggers
- Single image, split-screen, or QuadView display modes
- Turn-signal (pulsed DC) compatible trigger inputs
- 24 or 12 volt operation
- Built-in speaker
- Included in ZAEVOSHDL1BHD and ZAEVOSHDL2BHD systems
- Dimensions: 7.75”W x 5.25”H x 1.125”D

**ZAEVOM74TQ** – Voyager 7” Multi-View Touchscreen LCD Monitor with Four Camera Inputs

**FEATURES:**
- Four camera inputs (A/V)
- Single image, split-screen, or QuadView display modes
- Manual (push button) or automatic (trigger) source selection
- NTSC and PAL video signal compatible
- Turn-signal (pulsed DC) compatible trigger inputs (AV2, AV3)
- On-Screen Display (OSD) for AV source, picture adjustment and volume level
- Energy-efficient, white LED illuminated controls
- Auto power on (standby)
- Day/Night brightness modes
- Integrated audio speaker
- Non-volatile memory for picture & volume adjustment settings
- Sun-visor included
- Dimensions: 7”W x 4.75”H x 1”D

**ZAE31400015** - One-Camera Adapter
- Camera adapter cable for Ag Leader Integra Monitor

**ZAE31400014** - Four-Camera Adapter
- Four camera adapter cable for Ag Leader Integra Monitor

**ZAE31200043** – Camera Adapter Cable
- For use with AFS PRO700, AFS PRO300, Intelliview™ III and IV monitors

**ZAEVOSRAVEN** – Camera Adapter Cable
- For use with Raven Viper monitor

**ZAE31100083HD** - Camera Adapter Cable
- Camera adapter cable for FM1000 and FM750 monitor
- Works with any Voyager camera

**NOTE:** Do not use with ZAEVCMS36i or ZAEVCMS10B cameras if reverse image is required.

**ZAE31400015** - One-Camera Adapter
- Camera adapter cable for Ag Leader Integra Monitor

**ZAE31400014** - Four-Camera Adapter
- Four camera adapter cable for Ag Leader Integra Monitor

**ZAE31200043** – Camera Adapter Cable
- For use with AFS PRO700, AFS PRO300, Intelliview™ III and IV monitors

**ZAEVOSRAVEN** – Camera Adapter Cable
- For use with Raven Viper monitor

**ZAE31100083HD** - Camera Adapter Cable
- Camera adapter cable for FM1000 and FM750 monitor
- Works with any Voyager camera

**NOTE:** Do not use with ZAEVCMS36i or ZAEVCMS10B cameras if reverse image is required.

1. Select a monitor. 2. Select camera type and quantity. 3. Select cable quantity and specify lengths.

**ZAE31400015** - One-Camera Adapter
- Camera adapter cable for Ag Leader Integra Monitor

**ZAE31400014** - Four-Camera Adapter
- Four camera adapter cable for Ag Leader Integra Monitor

**ZAE31200043** – Camera Adapter Cable
- For use with AFS PRO700, AFS PRO300, Intelliview™ III and IV monitors

**ZAEVOSRAVEN** – Camera Adapter Cable
- For use with Raven Viper monitor

**ZAE31100083HD** - Camera Adapter Cable
- Camera adapter cable for FM1000 and FM750 monitor
- Works with any Voyager camera

**NOTE:** Do not use with ZAEVCMS36i or ZAEVCMS10B cameras if reverse image is required.

All monitors come with a Heavy Duty LCD power harness, but will require a mount (ZAEVOSH2MNTOS) for installation.

NOTE: These products are covered under a 2-year Heavy Duty warranty.
**Observation Systems**

**ZAEVCMS155BHD**  
Voyager Rear Color Camera  
**FEATURES:**  
- 12 volt DC  
- Waterproof (IPX7)  
- Viewing angle: 155°  
- IR LED assisted illumination (0 Lux with IR LED on)  
- Built-in microphone  
- Normal/Mirror image switch  
- Electronic iris  
- Dimensions: 2.7" W x 1.7" H x 0.5" D

**ZAEVCMS10B**  
Voyager Rear Color Camera  
**FEATURES:**  
- 12 volt DC  
- High-performance CMOS sensor  
- Waterproof (IPX7)  
- Viewing angle: 117°  
- NTSC video output signal format  
- Excellent bright daylight performance  
- Low-light assist with IR LEDs (0 Lux with IR LED on)  
- Mirror (reversed) image orientation  
- Dimensions: 3.4" W x 1.7" H x 1.7" D

**ZAEVCMS50i**  
Voyager Rear Color Camera  
**FEATURES:**  
- High-performance CMOS sensor  
- Waterproof (IP69K)  
- Viewing angles: 150°/120°/90°  
- Low-light assist with IR LEDs  
- Microphone  
- Corrosion resistant (ASTM B117)  
- FCC, E9 certified  
- Compact size, just 1" W x 1" H x 1.3" D (without bracket)

**ZAEBARTABLETMNT**  
Universal Tablet Mount  
**FEATURES:**  
- Solid cast/machined aluminum  
- Adjustable thumbscrew knuckle tightens the completely adjustable ball joint into place  
- Matte black finish

**ZAEVOSIMKITHD**  
Three-Camera Disconnect System  
**FEATURES:**  
- Designed to allow you to quickly and easily connect and disconnect up to three cameras from an implement to the monitor in a tractor cab  
- ZAEVOSIMKITHD complete installation kit includes: ZAEBC12L3HD, ZAECEC25L3HD (2), ZAECUMNTHD (2)  
- NOTE: Use with ZAEBTC25L3HD or ZAEBTC12L3HD

**INDIVIDUAL CABLES:**  
- ZAEBTC12L3HD – 12’ Bulkhead Tractor Cable, 3-camera capable  
- ZAEBTC25L3HD – 25’ Bulkhead Tractor Cable, 3-camera capable  
- ZAEBTC12L3HD – 12’ Bulkhead Implement Cable, 3-camera capable  
- ZAECEC25L3HD – 25’ Camera Extension Cable, 3-camera capable  
- ZAEUCMTHD – Universal Camera Mount

NOTE: These Products are covered under a 2-Year Heavy Duty warranty except where noted.
Avoid dangerous blind spots commonly encountered while out on the road or in the field with Voyager ToughCam Observation Systems.

**ZAEVOS7MDCL1B** – Voyager ToughCam Single-Camera Observation System includes:
- ZAEAOM713
- ZAEVCMS50i
- ZAEVOSHD4MNTHD

**ZAEVOS7MDCL2B** – Voyager ToughCam Two-Camera Observation System includes:
- ZAEAOM713
- ZAEVCMS50i (2)
- ZAEVOSHD4MNTHD

1-Camera

**ZAEAOOM713** – Voyager 7” LCD Monitor
**FEATURES:**
- Anti-glare/anti-scratch protective lens
- Energy-efficient white LED backlight
- Can accept up to three camera inputs
- Integrated audio speaker
- NTSC and PAL video signal compatible
- Manual (push button) or automatic (trigger) source selection
- Auto power on (standby)
- Auto day/night brightness modes
- On-Screen Display (OSD) for AV source, picture and volume adjustment
- Non-volatile memory for picture and volume adjustment settings
- Removable sun-visor included
- Multiple mounting options (AMPS compatible)

**ZAEVCMS50i** – Voyager CMOS Color Camera
**FEATURES:**
- High-performance CMOS sensor
- Waterproof (IP69K)
- Viewing angles: 150°/120°/90°
- IR LED assisted illumination
- Microphone
- Compact size
- Corrosion resistant (ASTM B117)
- FCC, E9 certified
- Dimensions (without bracket): 1”W x 1”H x 1.32”D

2-Camera

**ZAECEC25HD** – 25’ Camera Extension Cable
**FEATURES:**
- 25’ cable can be daisy chained together
- Non-corrosive locking connectors with 4-pin round plug

**ZAECEC75HD** – 75’ Camera Extension Cable
**FEATURES:**
- 75’ cable can be daisy chained together
- Non-corrosive locking connectors with 4-pin round plug

**ZAEVOSHD4MNTHD** – 4” Universal Pedestal Monitor Mount
**FEATURES:**
- Adjustable thumbscrew knuckle at midpoint
- Universal four-hole mounting pattern mates with all Voyager LCD monitors
- Matte black finish

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NOTE: These products are covered under a 1-year consumer warranty.
2-Camera

New Product

ZAEVOS7CL2BSED – Voyager ToughCam Seeder Observation System
- ZAEOM713 monitor
- ZAEVCMS10B cameras (2)
- ZAEVOSHD4MNT monitor mount
- ZAECEC25 - 25’ camera cables (2)
- ZAECEC50 - 50’ camera cable

ZAEVCMS10B
Voyager Rear Color Camera
FEATURES: See page 15

Monitors, cameras, cables and pedestal mounts also sold separately.

ZAEVOSMAGMNT
Camera Magnet Mount
For use with ZAEVCMS10B, ZAEWVCMS10B (wireless) and ZAEVCSS155BHD cameras. Locking nut included for use with any camera mounting bracket, as well as a 3’ pigtail to attach camera to power and ground.

ToughCam Observation Systems

FEATURES: See previous page

Monitors, cameras, cables and pedestal mounts also sold separately.

ZAEVOS7CL2BSED – Voyager ToughCam Seeder Observation System
- ZAEOM713 monitor
- ZAEVCMS10B cameras (2)
- ZAEVOSHD4MNT monitor mount
- ZAECEC25 - 25’ camera cables (2)
- ZAECEC50 - 50’ camera cable

ZAEVCMS10B
Voyager Rear Color Camera
FEATURES: See page 15

Monitors, cameras, cables and pedestal mounts also sold separately.

ZAEVOSMAGMNT
Camera Magnet Mount
For use with ZAEVCMS10B, ZAEWVCMS10B (wireless) and ZAEVCSS155BHD cameras. Locking nut included for use with any camera mounting bracket, as well as a 3’ pigtail to attach camera to power and ground.

ToughCam Observation Systems

FEATURES: See previous page

Monitors, cameras, cables and pedestal mounts also sold separately.

ZAEVOSMAGMNT
Camera Magnet Mount
For use with ZAEVCMS10B, ZAEWVCMS10B (wireless) and ZAEVCSS155BHD cameras. Locking nut included for use with any camera mounting bracket, as well as a 3’ pigtail to attach camera to power and ground.

ToughCam Observation Systems

FEATURES: See previous page

Monitors, cameras, cables and pedestal mounts also sold separately.

ZAEVOSMAGMNT
Camera Magnet Mount
For use with ZAEVCMS10B, ZAEWVCMS10B (wireless) and ZAEVCSS155BHD cameras. Locking nut included for use with any camera mounting bracket, as well as a 3’ pigtail to attach camera to power and ground.

ToughCam Observation Systems

FEATURES: See previous page

Monitors, cameras, cables and pedestal mounts also sold separately.

ZAEVOS7CL2BSED – Voyager ToughCam Seeder Observation System
- ZAEOM713 monitor
- ZAEVCMS10B cameras (2)
- ZAEVOSHD4MNT monitor mount
- ZAECEC25 - 25’ camera cables (2)
- ZAECEC50 - 50’ camera cable

ZAEVCMS10B
Voyager Rear Color Camera
FEATURES: See page 15

Monitors, cameras, cables and pedestal mounts also sold separately.

ZAEVOSMAGMNT
Camera Magnet Mount
For use with ZAEVCMS10B, ZAEWVCMS10B (wireless) and ZAEVCSS155BHD cameras. Locking nut included for use with any camera mounting bracket, as well as a 3’ pigtail to attach camera to power and ground.

ToughCam Observation Systems

FEATURES: See previous page

Monitors, cameras, cables and pedestal mounts also sold separately.

ZAEVOSMAGMNT
Camera Magnet Mount
For use with ZAEVCMS10B, ZAEWVCMS10B (wireless) and ZAEVCSS155BHD cameras. Locking nut included for use with any camera mounting bracket, as well as a 3’ pigtail to attach camera to power and ground.

ToughCam Observation Systems

FEATURES: See previous page

Monitors, cameras, cables and pedestal mounts also sold separately.

ZAEVOSMAGMNT
Camera Magnet Mount
For use with ZAEVCMS10B, ZAEWVCMS10B (wireless) and ZAEVCSS155BHD cameras. Locking nut included for use with any camera mounting bracket, as well as a 3’ pigtail to attach camera to power and ground.

ToughCam Observation Systems

FEATURES: See previous page

Monitors, cameras, cables and pedestal mounts also sold separately.

ZAEVOSMAGMNT
Camera Magnet Mount
For use with ZAEVCMS10B, ZAEWVCMS10B (wireless) and ZAEVCSS155BHD cameras. Locking nut included for use with any camera mounting bracket, as well as a 3’ pigtail to attach camera to power and ground.

ToughCam Observation Systems

FEATURES: See previous page

Monitors, cameras, cables and pedestal mounts also sold separately.

ZAEVOSMAGMNT
Camera Magnet Mount
For use with ZAEVCMS10B, ZAEWVCMS10B (wireless) and ZAEVCSS155BHD cameras. Locking nut included for use with any camera mounting bracket, as well as a 3’ pigtail to attach camera to power and ground.

ToughCam Observation Systems

FEATURES: See previous page

Monitors, cameras, cables and pedestal mounts also sold separately.

ZAEVOSMAGMNT
Camera Magnet Mount
For use with ZAEVCMS10B, ZAEWVCMS10B (wireless) and ZAEVCSS155BHD cameras. Locking nut included for use with any camera mounting bracket, as well as a 3’ pigtail to attach camera to power and ground.
Digital Wireless Observation Systems

FEATURING
Auto-Pairing

WiSight technology digitally locks the ToughCam camera to the monitor. This blocks out any outside interference or noise common with analog wireless systems, producing a sharp, vivid picture.

USES 4 WIRELESS CAMERAS

ZAEWVOS541AP – Voyager ToughCam Digital Wireless Observation System with 5.6" monitor

FEATURES:
• 5.6" monitor comes with suction cup mount and 12 volt DC plug for easy portability
• Wireless back-up camera connects to running lights or other 12V power source
• Easy installation that fits most applications
• No cables or wiring necessary
• HD digital WiSight technology - signal transmits through and around objects up to 60 feet away
• Inputs for one wired and four wireless camera (ZAE31100131 harness required to add wired camera)

ZAEWVOS7MDCL1B – Voyager ToughCam Digital Wireless Observation System with 7" monitor

FEATURES: Same as ZAEWVOS541AP with the exception of a larger 7" monitor and inputs for two wired cameras and one wireless camera (included)

ZAEWVCMS130AP – Voyager CMOS Wireless Back-up Camera

FEATURES:
• 12V DC power system
• High-performance CMOS sensor
• Waterproof (IPX7)
• NTSC video output signal format
• Sensitivity: 0 Lux (with IR LED ON)
• Viewing Angle: 117°
• Excellent low-light and daylight environment performance
• 14 IR LEDs for excellent night vision
• Dimensions: 3.4" W x 1.7" H x 1.7" D

NOTE: These products are covered under a 1-year consumer warranty.
Easily add a Voyager ToughCam wireless camera to your factory installed monitor using our Digital Wireless Receiver System. This system does require the use of a brand specific adapter harness to connect the receiver box to the factory installed monitor.

ZAEWVRXCAMTC – Voyager Digital Wireless Receiver System

**FEATURES:**
- Easy installation
- Camera connects to running lights of vehicle or other 12V power source
- Works with your factory installed monitor with adapter harness (sold separately)

ZAEWVOS7MDCL1Q – Voyager ToughCam Wireless Observation System

**FEATURES:**
- Can support up to four cameras
- 7" QuadView monitor can display up to four camera views simultaneously
- Camera connects to any 12 volt power source
- Signal transmits through and around objects up to 60 feet away

(Not intended for RV applications)

ZAEWVCMSQ1B – Voyager ToughCam CMOS Wireless Camera

- Waterproof
- Only compatible with ZAEWVOS7MDCL1Q system

System includes:
- 7" wireless monitor
- ZAEWVCMSQ1B camera
- 5dBi antennas (2)
- 9.5' extension cables (2)
- Mounting bracket

**NOTE:** These products are covered under a 1-year consumer warranty.
Available accessories:
- ZAEBV3MC – 3 M antenna cable w/ bracket
- ZAEBV9MC – 9 M antenna cable w/ bracket
- ZAEBV16MC – 16 M antenna cable w/ bracket
- ZAEBV7DBAWC – 7 dBi antenna w/ 9 M cable and bracket
- ZAEPBV5VPA – 5 volt power adapter for camera or monitor
- ZAEPBV5DBA – 5 dBi antenna

**ZAEBARNVIEW1 – Voyager ToughCam Surveillance System**

**FEATURES:**
- 7” QuadView touchscreen LCD monitor with CMOS
- Wireless, CMOS surveillance camera is waterproof and includes microphone (ZAEBARNVIEWCAM)
- Can support up to four cameras
- Email alert available with motion detection turned on
- Built-in DVR (SD card not included)
- View live images from phone or tablet
- Excellent night vision up to 26 feet
- Internet connection via monitor cradle
- Compatible with iPhone/iPad/iPod touch and Android powered smartphones and tablets (use the free OMGuard app)
- Monitor has a two-hour rechargeable battery for portable use

**ZAEBARNVIEWCAM**

Only compatible with ZAEBARNVIEW1 system
System includes:
- Monitor
- ZAEVCCS150BSD camera
- ZAECEC25SD 25’ camera cable
- Monitor mount
- Camera mounting bracket
- Stainless steel hardware

Also available:
- ZAECEC75SD 75’ camera cable
- ZAEVOMSD6EXT monitor extension cable

ZAEVOS7CL1BSD — Voyager Severe Duty Observation System
FEATURES:
- Designed and engineered specifically for mining and construction industries
- Can use up to four cameras for maximum coverage
- Shielded, heavy-duty camera cables

Voyager Severe Duty Monitor
FEATURES:
- Water-resistant (IP69K)
- Single image, split-screen, triple image, picture-in-picture, or QuadView display modes
- Capacitive touch key
- Durable, aluminum housing
- Auto NTSC/PAL detection
- Auto DAY/NIGHT detection
- Distance Marker setting available

ZAEVCCS150BSD
Voyager Severe Duty Camera
FEATURES:
- Waterproof (IP69K)
- 12 volt DC power
- Viewing angle: 150°
- Shielded cable and connector
- 10 IR LEDs for excellent night vision (0 Lux with IR LEDs on)
- Built-in microphone
- Normal/Mirror image switch
- Electronic iris
- 2.7”W x 1.7”H x 2.5”D

NOTE: These products are covered under a 1-year consumer warranty.
OBSERVATION SYSTEM DISPLAY

For the cost of four 2-Camera ToughCam Systems, get three 2-Camera Systems and one fully functional ToughCam Countertop Display. Sell the three systems and your display is paid for with the profits!

ZAETCDISPLAYPKG – Voyager ToughCam Countertop Display

FEATURES:
• Durable monitor and camera, built for the agriculture and light construction industries
• Excellent night vision
• Available in a one or two camera package
• A third camera can be added for maximum coverage

INCLUDES:
• ZAEAM713 – 7” LCD observation monitor
• ZAEVCMS50i – Super CMOS color observation camera
• Card reader plays observation camera footage video