

## Jaylec Digital Wireless Reverse Camera Systems

There are 3 different types of Jaylec Wireless Systems available, all with varying or unique features, suitable for all types of applications and customers' requirements. They all provide the customer with quicker installation times compared to the traditional cable type systems.

### The first unit is a Wireless Digital Module System.

It is compatible with most of the Jaylec Reverse Camera Systems and removes the need to install cables from the monitor down to the camera along the length of the vehicle. The small and extremely light design

provides easy and quick installation of Reverse Camera Systems. Due to its adaptability to most of the Jaylec Reverse Camera Systems, it also allows the customer to choose the monitor or screen size along with the camera that is most suited to their application.



## Wireless Digital Module System

It consists of two modules; one being a **transmitter (TX)** and the other being the **receiver (RX)**. The transmitter module when connected to the camera, transmits a digital signal that is stable and can be reached over long distances of up to 100m. This transmission range makes it ideal for semi trailers, agricultural equipment, construction equipment etc. As the transmitter emits a digital signal, it means that the monitor will not receive any interference of the images from things like radio signals.

When the system is connected, the receiver module (which is connected to the monitor) will automatically search for the signal from the transmitter module and start displaying the camera images automatically via the monitor.

The Jaylec Module System provides unique installation advantages compared to other units released. Other wireless systems have the transmitting aerial connected to the camera housing, whereas the Jaylec Module System has the aerials connected to the module, allowing

### Main Features

- *Compatible with most Jaylec Reversing Camera Systems.*
- *Specially designed for commercial vehicles.*
- *Automatically searches the signal from transmitter module.*
- *Utilizes hand-shake technology, no radio signal interference.*
- *With significant long distance and stable transmission capacity, the transmission range can be as far as 100m*
- *Suitable for 12/24 Volt vehicle applications.*
- *With re-pairing function.*

the installer to mount the camera without hindrances. What's more, in semi-trailer applications, the transmitter can be manually paired, thus allowing the interchanging of units from different vehicles or trailers.

The Jaylec Digital wireless module system is 12/24 Volt Multivolt and the transmitter module has an IP67 Rating meaning that it is waterproof and dust proof.

It also meets ROHS, CE. and E-Mark compliance.



**Part No: AV9950**

## Part No. AV9950 Specifications

### System Components

- 1 x Digital Wireless Transmitter Module (TX) with Filter and Fuse Box (requires own Power source), 1m Long Cable and 4 Pin DIN Female Plug.
- 1 x Digital Wireless Receiver Module (RX) with 1m Long Cable and 4 Pin DIN Male Plug.
- 2 x Compressed Foam Mounting Gaskets.
- 2 x Mounting Screws Sets (including 2 x Screws, 2 x Screws with Caps).
- 1 x 3M Tape Roll.



Wireless Transmitter Module (TX) Specifications		Wireless Receiver Module (RX) Specifications	
<b>Description</b>	Video and Audio Output Synchronization Module, connects with Camera	<b>Description</b>	Video and Audio Output Synchronization Module, connects with Camera
<b>Input Voltage</b>	12/24 Volt	<b>Input Voltage</b>	12 Volt
<b>Power Consumption</b>	≤2 Watt	<b>Power Consumption</b>	≤2 Watt
<b>Frequency Range</b>	2.4GHz	<b>Frequency Range</b>	2.4GHz
<b>Transmission Range</b>	100m	<b>Transmission Range</b>	100m
<b>Start Up Time</b>	2 Seconds Max	<b>Start Up Time</b>	2 Seconds Max
<b>Latency</b>	<200 Milliseconds	<b>Latency</b>	<200 Milliseconds
<b>Transfer Rate</b>	12Mbps	<b>Video Codec</b>	MPEG4
<b>Image Quality</b>	PAL: 640 x 480 NTSC: 720 x 520	<b>Audio Codec</b>	MP3, 1 Channel
<b>Frame Rate</b>	PAL: 25 f/s NTSC: 30 f/s	<b>Frame Rate</b>	PAL: 25 f/s NTSC: 30 f/s
<b>IP Rating</b>	IP67	<b>IP Rating</b>	IP65
<b>Operating Temperature</b>	-20° C to +70°C	<b>Operating Temperature</b>	-20° C to +70°C
<b>Dimensions</b>	Length: 104mm Width: 80mm Height: 30mm	<b>Dimensions</b>	Length: 104mm Width: 80mm Height: 30mm
<b>Weight</b>	245g	<b>Weight</b>	190g

### Applications

Suitable for Passenger Motor Vehicles, Fleet Vehicles, Campervans, Utes / Pickups, Vans, Small / Medium / Large Commercial Vehicles, Buses, Earthmoving Vehicles, etc.



### Compatible Systems

AV9352  
AV9432  
AV9435  
AV9502  
AV9562  
AV9702  
AV9704



CoolDrive is pleased to announce the introduction of the new

## Jaylec 7" Digital Wireless Reverse Camera System – No Camera

**This System AV9700 includes the Wireless Transmitter Module (TX) and a Wireless Receiver Module (RX) built-in to the 7" Digital LCD TFT Wireless Monitor. Customers can choose the most suitable camera for their application.**

The 7" Digital LCD TFT monitor comes with a stylish Black Piano finish on the fascia and also has Push Button Switch controls for On/Off Power, Menu controls, adjusting the Contrast, Brightness, Colour, Volume and Pairing functions.

Like the AV9950 unit, the transmitter module when connected to a camera, transmits a digital signal that is stable and can be reached over long distances of up to a 100m. This transmission range makes it ideal for caravans, motorhomes, trailers, semi trailers, agricultural equipment, construction equipment etc. Because the transmitter emits a digital signal, it means that the monitor will not receive

any interference of the images from things like radio signals.

When the system is connected, the receiver module, which is mounted internally in the monitor, will automatically search for the signal from the transmitter module and start displaying the camera images automatically via the 7" Digital TFT monitor.

Again this Jaylec Wireless System provides unique installation advantages compared to other units released because other wireless systems have the transmitting aerial connected to the camera housing, compared to the Jaylec transmitter module which has the aerial connected to the module. This allows the installer the ability to mount the camera without any hindrances. What's more, in semi-trailer applications, the transmitter can be manually paired, thus allowing the interchanging of units

from different vehicles or trailers.

The Jaylec Digital Wireless Reverse Camera System is 12/24 Volt Multivolt, suitable for only 1 x Camera input and the transmitter module has an IP67 Rating meaning that it is waterproof and dust proof.

It also meets ROHS, CE, and E-Mark compliance.

**Part No:  
AV9700**



### Main Features

- Compatible with all Jaylec Reverse Cameras.
- The 7" Digital LCD TFT Wireless Monitor is specially designed for caravans and motorhomes.
- The **built-in** Wireless Module in the Monitor supports only one channel (camera) input.
- Automatically searches the signal from the transmitter module.
- With significant long distance and stable transmission capacity, the transmission range can be as far as 100m
- Suitable for 12/24 Volt vehicle applications.
- Utilizes hand-shake technology, no radio signal interference.
- With re-pairing function.

**Certifications:** ROHS, E-Mark, CE

### Applications

Suitable for Passenger Motor Vehicles, Fleet Vehicles, Campervans, Ute's / Pickups, Vans, Small / Medium / Large Commercial Vehicles, Buses, Earthmoving Vehicles, etc.

## Jaylec 7" Digital Wireless Reverse Camera System – No Camera. Part No. AV9700 Specifications

### System Components

- 1 x 7" Digital LCD TFT Wireless Monitor with Built-in Receiver Module and 900mm Long 3 Wire Cable.
- 1 x Digital Wireless Transmitter Module (TX) with Filter and Fuse Box (requires own Power source), 1m Long Cable and 4 Pin DIN Female Plug.
- 1 x Monitor Window Suction Mount Bracket.
- 1 x Compressed Foam Mounting Gaskets.
- 1 x Mounting Screws Set (including 2 x Screws, 2 x Screws with Caps).
- 1 x 3M Tape Roll.

Monitor Specifications	
<b>Description</b>	7 inch Digital LCD TFT Monitor with in-built Wireless Receiver module :16:9 Ratio
<b>Built-in Receiver Module</b>	
<b>Built-in Speaker</b>	
<b>Day / Night Sensor automatically adjusts screen</b>	
<b>Interface</b>	Digital
<b>Input Voltage</b>	12/24 Volt
<b>Power Consumption</b>	≤5 Watt
<b>Frequency Range</b>	2.4GHz
<b>Transmission Range</b>	100m
<b>Wide View angle</b>	<b>Up / Down 50/70</b> <b>Left / Right 70/70</b>
<b>Colour System</b>	PAL / NTSC - Automatic
<b>Resolution</b>	800 x 3 (RGB) x 480
<b>High Brightness (cd/m<sup>2</sup>)</b>	400
<b>Contrast Ratio</b>	500/1
<b>Response Time at 25°C</b>	20 Seconds Max
<b>IP Rating</b>	IP65
<b>Operating Temperature</b>	-20° C to +70°C
<b>Dimensions</b>	Length: 192mm Width: 121mm Height: 28mm
<b>Weight</b>	476g

See Page 2 for Wireless specifications



### Compatible Cameras

- AV9800 Sony CCD Colour Rear View Camera
- AV9801 Sony CCD Colour Side View Camera
- AV9802 Sony CCD Colour Ball Camera
- AV9803 Sony CCD Colour Ball Camera with Shark Mount Bracket
- AV9807 Sony CCD Colour Bullet Rear View Camera
- AV9808 CMOS Colour Rear View Licence Plate Camera
- AV9809 Sony CCD Colour Rear View Camera
- AV9810 CMOS Colour Push-in Bumpercam Rear View Camera
- AV9814 CMOS Colour Rear View Camera
- AV9869 Sony H/Duty CCD Colour Rear View Camera IP69K

CoolDrive is pleased to announce the introduction of the new

## Jaylec 7" Digital Wireless Reverse Camera System **with Camera**

This System AV9701 includes the Wireless Transmitter Module (TX), a Wireless Receiver Module built-in to the 7" Digital LCD TFT Wireless Monitor, plus the popular AV9800 Sony CCD Camera to make it the complete system.

**Part No: AV9701**



### Main Features

- The 7" Digital LCD TFT Wireless Monitor is specially designed for caravans and motorhomes.
- The built-in Wireless Module in the Monitor supports only one channel (camera) input.
- Automatically searches the signal from the transmitter module.
- With significant long distance and stable transmission capacity, the transmission range can be as far as 100m.
- The Camera has an automatic Day / Night Sensor and Infrared LEDs to provide a clear monitor image in dull conditions.
- Suitable for 12/24 Volt vehicle applications.
- Utilizes hand-shake technology, no radio signal interference.
- With re-pairing function.

**Certifications:** ROHS, E-Mark, CE

### Applications

Suitable for Passenger Motor Vehicles, Fleet Vehicles, Campervans, Ute's / Pickups, Vans, Small / Medium / Large Commercial Vehicles, Buses, Earthmoving Vehicles, etc.

## Jaylec 7" Digital Wireless Reverse Camera System – **with Camera.** Part No. **AV9701** Specifications

### System Components

- 1 x 7" Digital LCD TFT Wireless Monitor with Built-in Receiver Module and 900mm Long 3 Wire Cable.
- 1 x Digital Wireless Transmitter Module (TX) with Filter and Fuse Box (requires own Power source), 1m Long Cable and 4 Pin DIN Female Plug.
- 1 x Sony CCD Rear View Camera 12 Volt with 6 IR LED's and 900mm Long Cable with 4 Pin DIN Male Plug.
- 1 x 20m Extension Cable (From Module to Camera)
- 1 x Monitor Window Suction Mount Bracket.
- 1 x Compressed Foam Mounting Gaskets.
- 1 x Mounting Screws Set (including 2 x Screws, 2 x Screws with Caps).
- 1 x Mounting Screws Set (including 1 x Allen Key, 4 x Screws, 6 x Screws with Caps).
- 1 x 3M Tape Roll.

Camera Specifications	
<b>Description</b>	Colour SONY CCD Rear View Camera, Black colour Aluminium housing
<b>6 x Infrared (IR) LED's for Night vision</b>	Distance 10m
<b>Built-in Microphone</b>	
<b>Automatic Day / Night Sensor</b>	
<b>Input Voltage</b>	12 Volt
<b>Power Consumption</b>	≤2.5 Watt
<b>Colour System</b>	PAL / NTSC - Optional
<b>Resolution (pixels)</b>	PAL 500 (H) 582 (V) NTSC 510 (H) 492 (V)
<b>Image Size</b>	1/4 inch
<b>Lens Focal Length</b>	2.6mm, F2.0
<b>Lens Angle</b>	110°
<b>Signal to noise Ratio</b>	48db
<b>Horizontal Resolution</b>	420 TV Lines
<b>Rating</b>	IP68 Waterproof and Dust resistance
<b>Operating Temp Range</b>	-30 °C to +70 °C
<b>Dimensions</b>	Length: 76mm Width: 73mm Height: 65mm
<b>Weight</b>	259g



See Page 2 & 4 respectively for Wireless & Monitor specifications

