

The most important thing we build is trust.

Applications

- Wireless video
- Electronic News Gathering (ENG)
- Sports
- Point of View
- Studio Wireless Links

Key Features

- Transmission within a public, license-exempt band (902-928 MHz)
- Supports point-to-point, TDMA, peer-to-peer
- Compact and lightweight
- Selectable frequency restriction



GMS' Wireless Paint Control (WPC) is a state-of-the-art Bi-directional control link which allows wireless set up and control of Sony broadcast cameras. Camera parameters such as color, contrast, shutter, iris, and gain controls can be controlled over a wireless link via a Remote Control Unit (RCU) such as the Sony RMB-150. The WPC link independently controls the camera as audio/video is transmitted and received thru the GMS Microwave Link.

The WPC system is configured with a master controller which is connected to the Remote Control Unit (RCU) and a slave controller which is connected to the Sony broadcast camera. The slave can be mounted externally on a bracket which attaches to the camera or internally in a GMS audio/video digital transmitter (Mounted on the rear of the camera).

The WPC is capable of a delivering high-performance long range wireless link at very high data rates. The WPC operates within the 902-928 MHz ISM frequency band. For some applications, it may be desired to prohibit the WPC system from operating on a specific frequency or range of frequencies. A selectable frequency restriction feature is available thru configurable control software to prohibit operation on selected frequencies.

Wireless Paint Control (WPC)



Specifications:

Electrical/General:

- Frequency: 902-928 MHz
- Band Segments: Selectable
- Error Detection: 32 bit CRC
- Range: 60 Miles(100 KM)
- Output Power: 100 mW to 1 Watt
- Sensitivity: -116 dBm
- Voltage Input: 9 – 30 VDC
- Power Consumption: 7.2 Watts

Rear Panel:

- DB-9 Female (Control & Power)
- 8 Pin Hirose (Paint Box connection)

Antenna Connection:

- SMA Female

Mechanical properties:

- Dimensions (W x D x H): 4(101.6 mm) x 6 (152.4 mm x 1 (25.4 mm) inches
- Weight: 11.68 oz (345.4 Grams)
- Operation temperature: +5 to +60 degrees Celsius
- Storage temperature: -0 to +80 degrees Celsius