

# Wireless USB Imaging

by

*Current Electronics*

Current Wireless Video Camera • Full motion video on Wireless USB

Wireless digital imaging at the forefront of current technology.  
Designed with all the benefits of USB and UWB performance.

This product development is designed to meet *Certified Wireless USB Specification 1.0*,  
Wimedia Alliance UWB MAC and PHY Specifications and FCC certification FCC 47 CFR  
Part 15, Section 15.519.

## Imaging

Color CMOS ¼ inch sensor  
Resolution up to 640 x 480 (VGA)  
Frame rate up to 30 fps (at 640x480)  
MJPEG compression  
YUV (4:2:2)

## Antenna

On-board, Internal,  
SWR under 3:1

## Frequency of operation

3.1 GHz to 4.8 GHz,  
528 MHz bandwidth  
Bandgroup 1

## Power

Battery operated, 2 AA, NiMh  
Battery life 4 hours  
Voltage range, 1.0V to 3.0V

Operating Temperature 0° to 40° C

Size Imaging, control and power circuitry 15.2 x 111mm, 11mm height  
Lens board circuitry 14mm x 14mm

Private label and OEM services for this product platform are available for custom  
designs to meet specific size and functional requirements.



Contact Current Electronics for more information.

[www.currentelectronics.com](http://www.currentelectronics.com)