

WIRELESS IMAGE TRANSMITTER UNIT

UWIT

Wireless Full-HD Video Transmission



Main Features

Real-Time, Uncompressed Full-HD (1,080 p/i) Video

Utilizing the latest wireless standard, which transmits uncompressed full-HD (1,920 × 1,080 p/i) images in real time, the UWIT system continuously delivers unsurpassed high-resolution video.

Hassle-Free Layout and Setup

The simple and compact design makes it easy to reconfigure layouts and eliminates the need for cables.

Obstacle Avoidance Technology

When the transmitted signal detects any obstacle, the built-in antenna technology automatically makes use of reflections or other alternative paths. This beam-steering technology allows for uninterrupted, high-quality image transmission.

No Signal Interference

The robust 60 GHz frequency band is designed to withstand any possible interference¹ from other ancillary wireless devices in the facility.

¹ Conditions outlined in instruction manual.

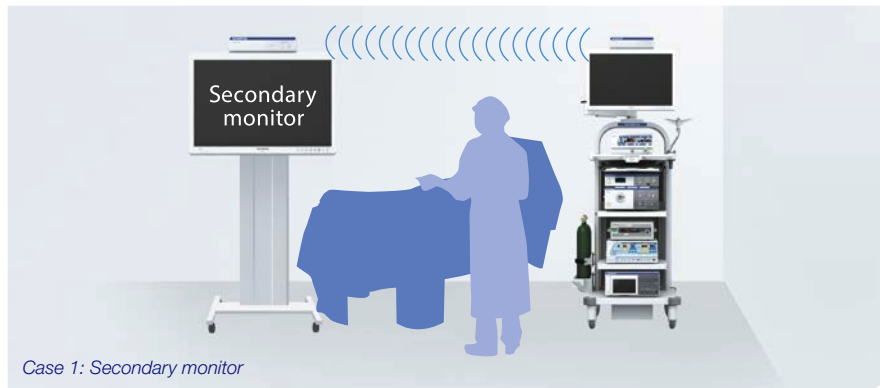
Long Transmission Range

A powerful transmission range up to ten meters makes this product ideal for use in a large room.

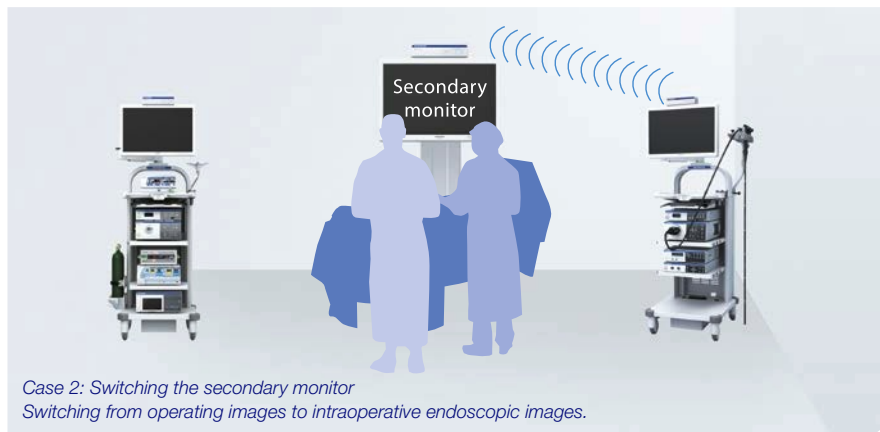
Simultaneous Transmission

Up to two pairs of the UWIT-TX and UWIT-RX units can be used in the same room.² The channel (CH1 or CH2) can easily be switched with one-touch operation.

² One transmitter cannot send the image to multiple receivers.



Case 1: Secondary monitor



Case 2: Switching the secondary monitor
Switching from operating images to intraoperative endoscopic images.

Specifications

Wireless Transmitter (UWIT-TX)

Dimensions (W × H × D)	234 × 69 × 44 mm
Dimensions (maximum)	234 × 69 × 59 mm
Weight	About 400 g
Voltage	DC 12 V, 1 A
Video signal input	
SDI input connector	BNC (×1)
DVI input connector	DVI (×1) No support for HDCP



Wireless Receiver (UWIT-RX)

Dimensions (W × H × D)	208 × 54 × 45 mm
Dimensions (maximum)	208 × 54 × 60 mm
Weight	About 310 g
Voltage	DC 12 V, 0.8 A
Video signal output	
DVI output connector	DVI (×1)



Classification (medical electrical equipment)

Type of protection against electric shock	Class I
Degree of protection against explosion	The wireless transmitter and receiver should be kept away from flammable gases.

Attachment for UWIT* (MAJ-2011)

Dimensions (W × H × D)	216 × 313 × 84 mm
Weight	About 300 g



* Compatible with Olympus HD LCD monitor OEV261H

Specifications, design, and accessories are subject to change without any notice or obligation on the part of the manufacturer.