

# FALCO MD11

Near zero latency (<1mS) wireless video connectivity for IDI video integration systems

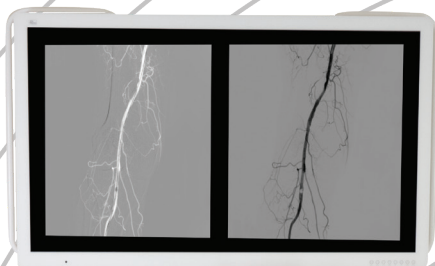


The Falco MD11 transmitter and receiver are plug & play



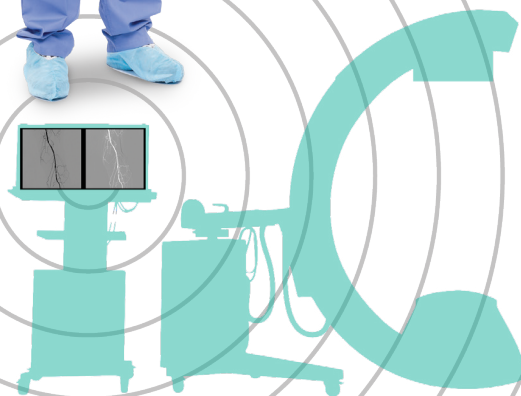
**SKilex**

Ceiling-Mounted Video Integration System



**ilex**

Mobile Video Integration Systems



**MDS**

Mobile Video Integration System

**4K-30 fps live video multicasting**

**No more wires!** With its real-time imaging capabilities, the Falco MD 11 wirelessly transmits video from x-ray ultrasound, camera and hemodynamic systems to IDI's SKilex, ilex or MDS video integration systems.

# FALCO MD11

Near zero latency (<1mS) wireless video connectivity for IDI video integration systems

## No more wires

Falco MD11 Wireless receiver and transmitter module pairs are ideal for use in OR imaging applications requiring wireless transmission of images in real-time.

The components enable wireless multicasting of 4K 30fps video from four sources such as x-ray, ultrasound, camera and hemodynamics to IDI video integration displays: Ilex, SKIlex or MDS.

## Clinical Benefits

**Near Zero Latency (<1mS) Wireless Video:** The system delivers 4K-30fps video wirelessly with a latency of less than 1ms, enabling real-time, superior image quality.

**Streamlined Workflow:** It quickly connects video without the need for cables, increasing operating room availability and reducing complexity and cost.

**Increased Flexibility and Safety:** The wireless link system allows for more movement and flexibility for medical staff without compromising on video quality or connectivity robustness, leading to a safer and more flexible environment.

**Multicasting Capabilities:** The components enable multicasting live video simultaneously and without interruption onto IDI's Ilex, SKIlex and MDS video integration displays.

**Easy Installation and Retrofitting:** The system can be quickly retrofitted without the need for professional and expensive hard-wired installations into ceilings or walls.

## Key Features

- Video resolution: Up to 4K 30fps
- Latency: < 1mS
- Connect to up to 4 receivers
- Control: Navigation button & OLED screen
- Supported RF bandwidth: 40MHz or 20MHz
- MIMO configurations: 2x5
- AFS (Automatic Frequency Selection): Ensures best channel selection
- DFS (Dynamic Frequency Selection) : Ensures best channel selection
- Antennas: Internal antennas
- Power interface: 12V
- Encryption: AES-256 (RSA-1024 for key exchange)
- RF compliance: FCC, CE, MIC, ISED, KC
- Power supply: Medical grade power supply is included
- Mounting: Compatible with Teradek VESA plate. M4 5mm screws.
- Medical Regulation: MDR and FDA

	MD11 Transmitter	MD11 Receiver
Video IN/OUT	HDMI Up to 4K 30fps	HDMI Up to 4K 30fps
OLED	✓	✓
AUX/ Host Interface	Optional	Optional
Size	6" x 3.1" x 1" (151.4 x 79 x 25mm)	6" x 3.1" x 1" (151.4 x 79 x 25mm)
Antennas	2x internal	5x internal
Power Consumption	6W	7W
Radio Frequency	5.1-5.9GHz, 20MHz or 40MHz Bandwidth	
Environmental Requirements	Operation: 0-40°C, 10%~90%humidity Storage: 0-55° C, 10%~90%humidity	

INTELLIGENT DESIGN ► TANGIBLE OUTCOMES



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