

# FALCO MD62

ZERO DELAY WIRELESS VIDEO

Falco MD62 are a Transmitter & Receiver wireless devices delivering 4K-60fps video in ultra-low latency for use in medical applications such as Endoscopy Systems, Surgical Lights, Clinical Microscopes and other setups requiring detailed capture of intricate procedures and sharp-clear images.

The technology enables it to wirelessly transmit live video without interruption onto other monitors, control panels, recording equipment, and other related apparatuses, allowing the required robustness and flexibility in operating rooms and clinical setups. The solution allows dramatic decrease of pricey and lengthy installations and OR shut-down times.

## KEY FEATURES

- Video resolution: Up to 4K 60fps
- Latency: < 1mS
- Supported RF bandwidth: 40MHz or 20MHz
- MIMO configurations: 4x5
- AFS (Automatic Frequency Selection): Ensures best channel selection
- DFS (Dynamic Frequency Selection): Operates on the entire unlicensed 5GHz spectrum (5.1-5.9 GHz)
- Antennas: Internal antennas
- Power interfaces: Barrel, 12V
- Encryption: AES-256 (RSA-1024 for key exchange)
- Connect to up to 4 receivers.
- Regulations Support: FCC, CE, MIC, IC, KC

	Transmitter	Receiver
Video Formats	HDMI: up to 4K60fps	
Video Interfaces	HDMI input, 12G-SDI input, 12G-SDI loopback	HDMI output, 2x 12G-SDI output
Joystick & OLED	✓	✓
OSD	✓	✓
AUX/Host Interface	Optional	Optional
Size	150mm x 96mm	128mm x 152mm
Antennas	4x internal antennas	5x internal antennas
Power Consumption	20W	18W
Radio Frequency	5.1-5.9GHz, 20MHz or 40MHz Bandwidth	
Environment Requirements	Operation: 0-40°C, 10%~90% humidity Storage: 0-55° C, 10%~90% humidity	
Regulations Support	FCC, CE, MIC, IC, KC	

