

FALCO SL11

WIRELESS IN-LIGHT 4K CAMERA

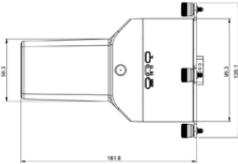


The Falco SL11 system is a wireless 4K video camera designed for integration into new and existing surgical lights while creating the most robust and highest quality wireless link for the operating room environment. Falco SL11 reduces installation time and improves safety, by dismissing the hazard of tripping over video cables in the operating room.

KEY FEATURES

- Video resolution: 4K 3840x2160 30fps
- Latency: < 1ms
- Camera: Sony FCB-8530
- Zoom: 20x Optical, 12x Digital
- Camera Control: VISCA from the receiver
- Supported RF bandwidth: 40MHz or 20MHz
- MIMO configuration: 2x5
- 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: Transmitter- internal antennas, Receiver- external
- Encryption: AES-256 (RSA-1024 for key exchange)
- Connect to up to 4 receivers
- Regulations Support: FCC, CE, MIC, IC, KC
- Endless 360° rotation



	SL11 Wireless Camera Unit	MD11 Receiver Unit
Weight	800gr	316gr
Size*	 <p>96mm X 162mm</p>	 <p>79mm X 151.4mm</p>
Video Format	4K 30fps**	
Video Output	N/A	HDMI
Antennas	2x internal antennas	5x internal antennas
Power Input	12-28VDC	7-18VDC
Power Consumption	10W	7W
Host Connector	Power, VISCA (RS232), USB, GSPIO	N/A
Mounting	Custom	Mounting accessories available
Radio Frequency	5.1-5.9GHz, 20MHz or 40MHz	
Environment	Operation: 0-40°C, 10%~90% humidity Storage: 0-55° C, 10%~90% humidity	
Regulation Support	FCC, CE, MIC, IC, KC	

* The SL11 wireless camera can be supplied without the enclosure for integration.

**1080p 60fps is also available

INCLUDED IN THE EVK

1x in-light wireless camera unit, 1x receiver unit, 1x wireless camera connectivity board. 1x wireless camera power supply, 1x receiver power supply, 1x sterilizable camera cover, 1x VISCA software tool, 1x User Manual.