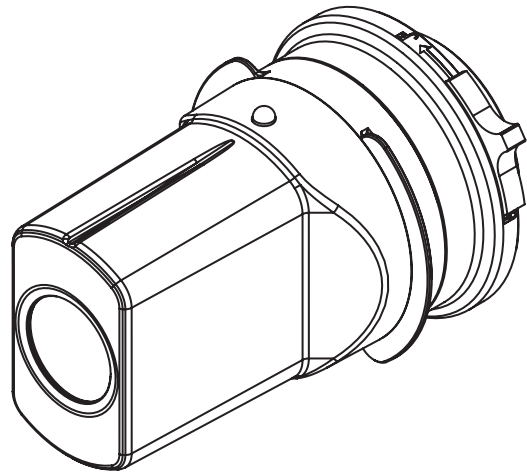




SL11

4K WIRELESS CAMERA FOR THE OR

The SL11 system is a premium wireless 4K video camera designed for seamless integration into new or existing surgical lights, as well as standalone carts.

Its wireless design allows for quick and effortless installation, whether retrofitted into an existing operating room or deployed on a mobile cart—delivering exceptional video quality and reliability without the need for complex wiring. The SL11 connects to both MD11 and MD62 wireless receivers, ensuring broad compatibility with virtually any monitor and recorder.

Part Number: MDEK1_SL11 , MDMP1_SL11

SL11 WIRELESS CAMERA UNIT

VIDEO

Camera	Sony FCB-8530
Video Format	4K 30fps
Zoom	20x Optical, 12x Digital
Camera Control	VISCA (through Host Connector)

PHYSICAL ATTRIBUTES

Size	96mm X 162mm
Weight	800gr

INTERFACES

Host Connector	Power, VISCA (RS232/ UART), USB, GPIO
Mounting	Custom

rocotosolutions.com

Buttons	Pairing & Reset
LEDs	Wireless & Video status

WIRELESS VIDEO NETWORK

Wireless Video Bands	DFS Frequencies: 5.250 ~ 5.350 GHz and 5.470 ~ 5.725 GHz Non-DFS Frequencies: 5.150 ~ 5.250 GHz and 5.725 ~ 5.850 GHz NOTE: Frequencies and channels are dependent on regional approvals
Bandwidth	40MHz
Antennas	2x Internal antennas
Encryption	AES-256, RSA-1024 key exchange
Range	Up to 100 ft (30m)
Multicast	Can stream simultaneously to up to 4 receivers
Noise Rejection	Can coexist with WiFi and other devices working on the 5GHz band. Up to 6 sets in the same location

POWER

Power Input	12-28VDC
Power Consumption	10W

CERTIFICATIONS AND APPROVALS

General	ISO 13485:2016 MDR 2017/745 Class I FDA Manufacturer Registration 3014730563 FDA Listing Class I, 510K exempt. CFR 21 Parts 801, 807, 820, 880 UK MDR 2002
Medical Electrical Equipment	IEC 60601-1:2005 + A1:2012 + A2:2020, EN 60601-1:2006 + A1:2013 + A2:2021, ANSI/AAMI ES60601-1:2005+ A1:2012 + A2:2021, CAN/CSA-C22.2 No. 60601-1:14 + A2:2022 IEC 60601-1-6:2010+A2:2021, EN 60601-1:2010 + A1:2015 + A2:2021 IEC 60601-1-2:2014 + A1:2020, EN 60601-1-2:2015 + A1(21) Edition 4.1, CISPR 11:2015 + A1(16) + A2(19) group 1 class B limits
Materials	Regulation (EC) No 1907/2006, Directive 2011/65/EU & 2015/863/EU
Radio	FCC CFR 47 Part 15, Radio FCC CFR 47 Part 2 RE-Directive 2014/53/EU: EN 301 893 V2.1.1, EN 300 328 V2.2.2, EN 50665:2018 Electromagnetic Compatibility - EN 301 489-1 V2.2.3, EN 301 489-17 V3.2.4, Class B
Sterilizable Cover	Up to 50 sterilization cycles
Environment	Operation: 0-40°C, 10%~90% humidity Storage: 0-55° C, 10%~90% humidity