

HM11x

The HM11x is a head-mounted device with a wireless light and camera designed to promise best visualization of the procedure within the Operating Room and record it, or share it out of the OR. Combining cutting-edge wireless technology with high-definition imaging, the HM11x provides surgeons with flexibility in the operating room and offers surgeon's point-of-view visibility on up to four monitors or recorders. It delivers zero-latency 4K wireless video.

The headlight offers, a lightweight ergonomic design, and seamless integration with existing surgical systems. This robust, one-of-a-kind system enhances both comfort and workflow. With wireless connectivity, the HM11x improves mobility, reduces setup time, and minimizes the risk of tripping hazards, ultimately ensuring a safer and more efficient surgical environment. Its versatile design makes it ideal for various procedures, from general surgery to specialized disciplines.



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Mobility



4K



Reliable link

HM1x

KEY FEATURES

- Powerful LED light – 100K lux at 40 cm working distance
- 4K30 FPS HDR camera
- A lightweight agronomic design – Headband (inc. Lamp & Camera) 370 grams, Transmitter (inc. battery) 437 grams
- Battery Life: Up to 3 hours of continuous use
- Zero Latency: ~1ms for real-time performance
- Robust Wireless Link: Reliable in both line-of-sight & non-line-of-sight conditions
- Fully compatible with MD52x and CMU
- Multicast Capability: Stream to up to 4 receivers simultaneously
- Plug-and-Play: Fast and easy setup, no configuration required
- Coexistence: Supports up to 6 transmitters in the same operating room
- Secure Connection: Proprietary protocol and encrypted video link with no transfer of personalized data
- Lens option: 12mm or 16mm
- Color temperature: 5700°K
- Depth of focus: **30-70** cm
- Beam size: 12 cm at 40 cm working distance



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