Precision in Every Dimension

A new era of visualisation for ultra microsurgery.

YOKO
NeVu

The Sanma Yoko neVu 3D Exoscope redefines surgical visualisation with advanced optical design and digital precision.

It delivers crystal-clear 3D depth, ultra-4K high-definition detail, and superior ergonomics, allowing surgeons to perform complex procedures with unmatched confidence and comfort.

Designed for Neurosurgery, Spine, ENT, Ophthalmology, and Reconstructive and general surgical applications, it brings the power of digital vision directly to the operating field — transforming how surgeons see, teach, and perform.

Key Features: 4K 3D Visualisation: Crystal-clear stereoscopic imaging with lifelike depth perception

Ergonomic Freedom: Operate in a natural, upright posture — reducing fatigue during long surgeries.

Digital Zoom & Focus: Seamless magnification with precision control.

Extended Working Distance: Ideal for complex and deep surgical fields.

Compact & Flexible Design: Easy positioning with smooth mechanical arm movement.

Image & Video Documentation: High-quality recording for teaching, training, and review.

Large 3D Display Integration: Enables the entire surgical team to view the same perspective in real-time.

Modular System: Compatible with multiple surgical specialties and imaging workflows.

Robotic movements enhances the efficiency and decreased resource utilisation in complex minimally invasive procedures

A high quality time tested sensors in the robotic arm responds well to the surgeon's convenient positioning during the surgical applications
The computerised graphic techniques allow tracking to perform poetic smooth ergonomic movements, resulting satisfactory surgeries

Clinical Advantages: Enhanced Precision: True-to-life 3D depth aids delicate dissection and suturing.

Improved Team Dynamics: Shared 3D visualization enhances coordination in complex cases.

Reduced Eye & Neck Strain: No eyepieces — operate from a comfortable viewing distance.

Optimized OR Space: Compact footprint and minimal cabling improve workflow efficiency.

Superior Educational Tool: Perfect for training and academic demonstration in real-time 3D.

Optimal surgical results and succesful ownership growth

Neuro - Spine   ENT   Eye   Plastic & Reconstructive   General Surgery

Flawless Latency

high accuracy in real time surgical
procedures with zero time delay

HEADS **UP**

SURGICAL EXPERIENCE

YOKO NeVu

3D 4K Robotic Exoscope

FUTURE

ULTRA
MICRO
SURGERY

www.sanmas.com