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Navigation

# Stryker NAV3*i*™

## Surgical Navigation Platform


# The Ultimate Surgical Navigation Experience

The NAV3i is Stryker Navigation's next-generation of platform solutions. Designed with the surgeon in mind, rigorous testing and usability engineering have been applied to ensure our customers are confident in relying on Stryker Navigation. From its sleek design and powerful computing capabilities to the enhanced visualization provided by its monitors, the Stryker NAV3i easily integrates into the operating room to deliver the ultimate surgical navigation experience.

# Accuracy and Control

Stryker's proprietary tracking technology has produced the most accurate optical navigation camera on the market.[1] When that industry-leading accuracy is combined with Stryker Navigation's smart instruments, the surgeon is able to completely control the software from the sterile field. The Stryker NAV3i delivers flexible surgical solutions to cranial, spine, ENT, orthopaedic and trauma procedures.

## Features Built for Today and Tomorrow

- Stryker's proprietary navigation camera with active technology
- 32" full HD surgeon monitor
- Navigation camera arm with increased range of motion makes it easier to accommodate various procedures and approaches
- Built-in LiveCam allows for easy positioning of the navigation camera and smart instruments
- IO Tablet user interface with touch capability
- Footprint and overall design helps maximize space in the OR
- Uninterruptible power supply (maximum six minutes)
- Industrial PC with upgraded processing speed and 60% more RAM than legacy platform
- Wireless integration - DICOM query/retrieve and DICOM client functionality for smooth integration into the hospital network
- HDMI output

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**Reconstructive**

Hips

Knees

Trauma & Extremities

Foot & Ankle

Joint Preservation

Orthobiologics & Biosurgery

**MedSurg**

Power Tools & Surgical Accessories

Computer Assisted Surgery

Endoscopic Surgical Solutions

Integrated Communications

Beds, Stretchers & EMS

Reprocessing & Remanufacturing

**Neurotechnology & Spine**

Craniomaxillofacial

Interventional Spine

Neurosurgical, Spine & ENT

Neurovascular

Spinal Implants


**References**

1. Elfring R, de la Fuente M, Radermacher K. Assessment of optical localizer accuracy for computer-aided surgery systems. Comput Aided Surg. 2010;15(1-3):1-12.



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