

About Us

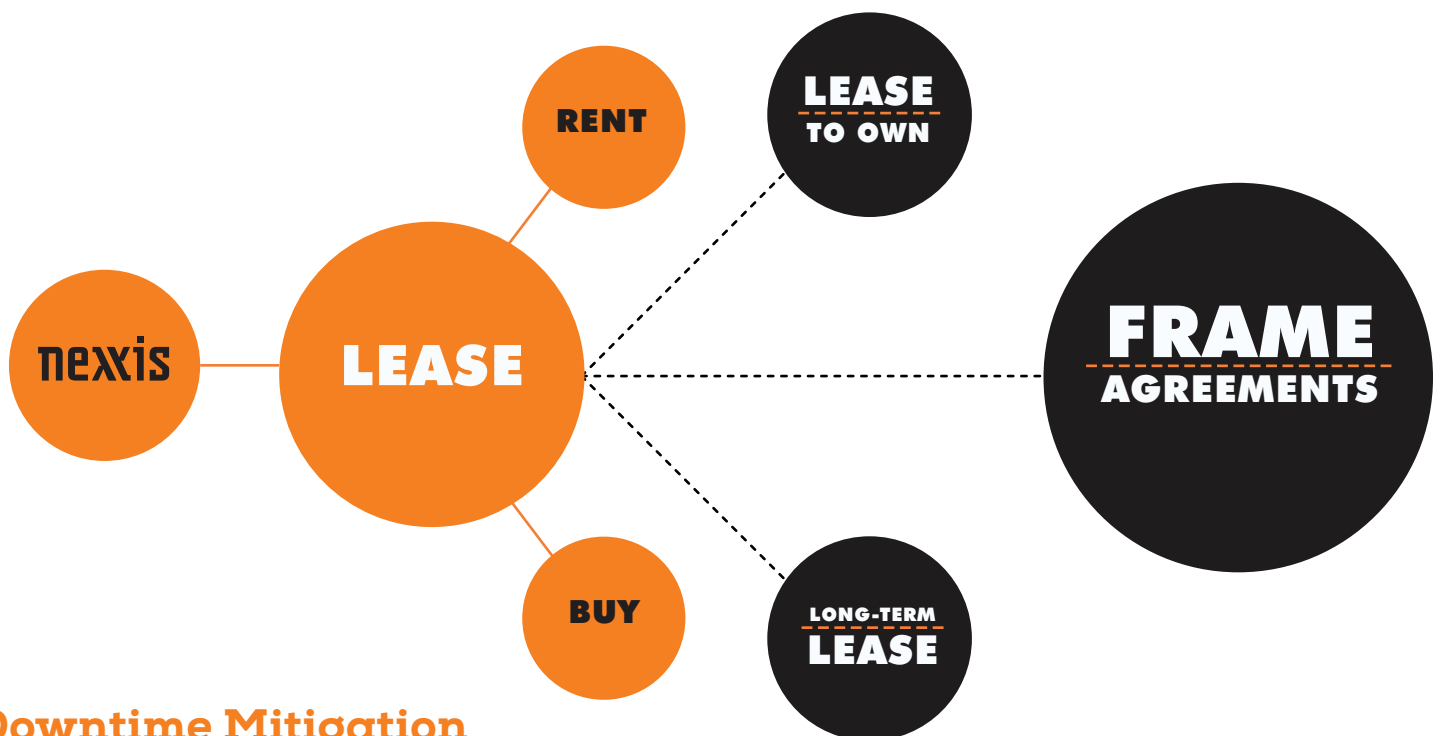
Nexxis is an Australian owned equipment rental, sales and leasing company specializing in state-of-the-art Remote Visual Inspection (RVI) and Non-Destructive Testing (NDT) equipment.

From **Oil and Gas**, **Mining**, **Utilities**, to **Defence**, **Aviation** and **Manufacturing**, Nexxis have a team of dedicated **Technical Sales** and **Operations Specialists** who will find the best and most cost-effective fit to suit your needs.

Rent, Lease or Buy?

At Nexxis, we understand the need to get the maximum cost benefits from your capital. We work hard to find a solution that best suits the needs of your business or project, including offering our innovative leasing options and **Frame Agreements**, delivering the best mid and long-term savings.

Whether you have a short-term equipment requirement or a longer-term project that needs continuous support, we're here to give you the most cost-efficient **Rent**, **Lease** or **Buy** solution.



Downtime Mitigation

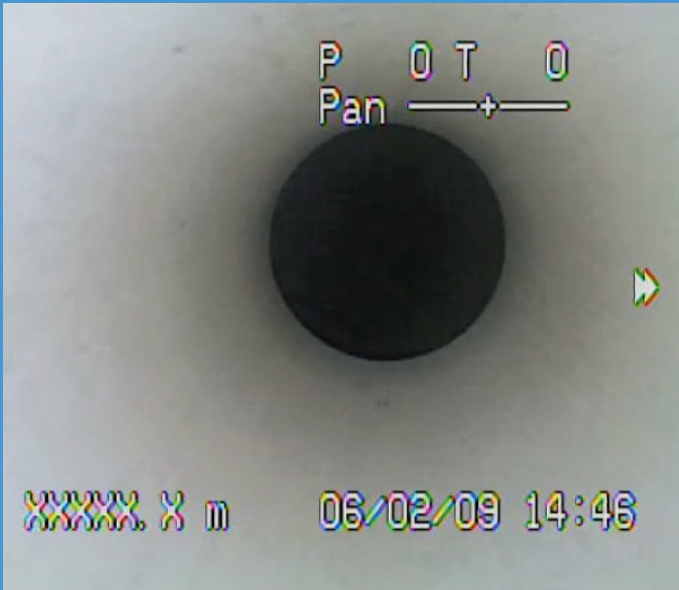
Down-time is a dirty word in any industry, especially when every hour of lost operations equates to loss in production and profitability. When you **Rent**, **Lease** or **Buy** from Nexxis, we offer a variety of warranty solutions to ensure that if any of your equipment is damaged on the job or faulty for any other reason, a replacement will be provided immediately, and repairs managed by us.

Total Dedication

With a team of **Technical Sales** and **Operations Specialists** on-call 24/7, we stand firmly behind our products and the specialist service we provide as part of each and every **Rental**, **Lease** or **Sale**.

Our team have the most up-to-date training and are technically proficient in all of the equipment we provide. If you have a problem, we have a solution. It's what we call **Total Dedication**.

OnSite Standard Product



Key Specifications

Diameter: 45mm / 1.75in
Length: 163mm / 6.4in
Weight: 0.5kg / 1.1lb
Material: Aluminum (optional 316 stainless steel)
Depth Rating: 30m / 100ft or 150m / 500ft
Maximum Tether Length: 450m / 1,500ft
Operating Temperature: 0°-40° C / 32°-122° F

Imager Type: 1/4" CMOS colour sensor
Sensitivity: 1.0 lux
Resolution: 420 TV lines
Focus: Manual (remote)
Iris: Auto
Lights: 6 x High intensity LEDs
Controls: 360° continuous pan, 280° tilt, focus, light
Variable Pan Speed: 0-26°/sec
Variable Tilt Speed: 0-12°/sec
HFOV: 53° in air
Format: PAL or NTSC
Power: Voltage (Nom) = 40-54VDC 10W
Lens: 3.6mm
Focal Range: 12mm to infinity



Spectrum 45™ (SP45)



Industries & Applications

THINK
PURCHASE

- Municipal (Sewer/Water)
- Oil & Gas (Onshore/Offshore)
- Nuclear
- Petrochemical
- Mining

Inuktun's robust and reliable Spectrum 45™ uniquely offers sophisticated pan-tilt camera capability within miniature, waterproof specifications. An impressive focal range and powerful LED lighting combine to maximize visibility and image quality—allowing operators to get as close as 1/8in (3mm) while still maintaining the camera's continuous pan and 265-degree tilt. And now, the SP45 is available with an optional increased depth rating of 150 metres or 500 feet.

Despite a wide array of sensitive controls and advanced features, the SP45 remains one of the smallest and lightest industrial cameras on the market today. Perfectly coupled with an Inuktun Versatrax 100™, MicroMag™ or NanoMag™ crawler, or detached as a drop or push camera, applications for the SP45 include toxic environment analysis, underwater inspections, ship hull inspections, caisson surveillance, nuclear fuel pool examination, small diameter pipe inspection, and foreign object search and retrieval, among many others.

"The SP45 addresses the market's shortfall in size, with combined pan and tilt functionality. For entry size, image quality and even subsea applications, this 45mm diameter is the solution... Ticks the box in every respect."

— J. De Silveria, Director, Nexxis

STANDARD IM3 OPTIONS

Custom configurations:
See dealer for details



Material

Aluminum
or
Stainless Steel

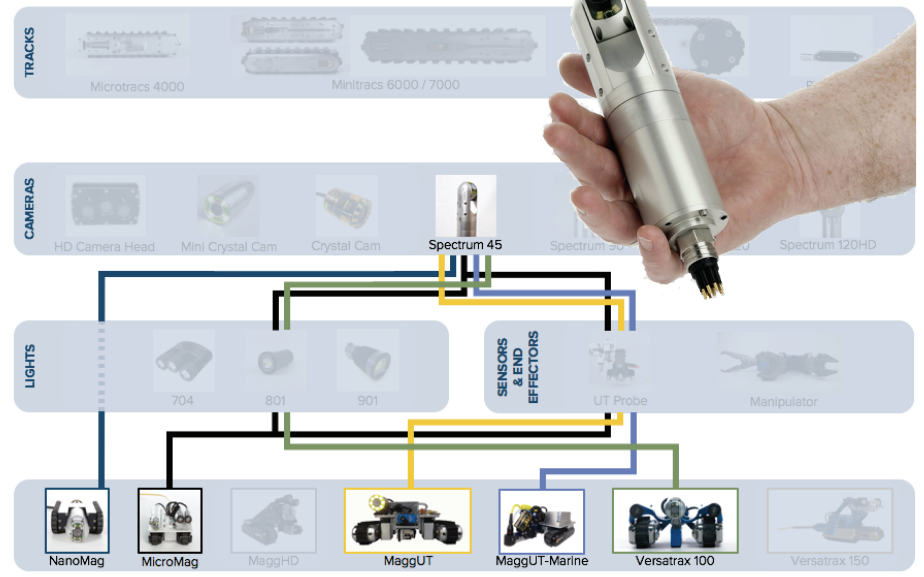
Depth Rating

30m / 100ft
or
150m / 500ft

Miniature size for
confined spaces.
(45mm / 1.75in diameter,
162.6mm / 6.4in length +
connector)

High intensity built-in LEDs
for maximum penetration,
visibility & image quality.

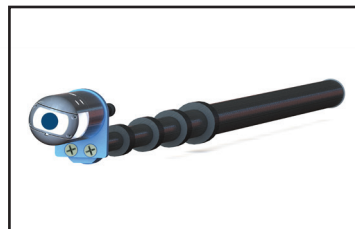
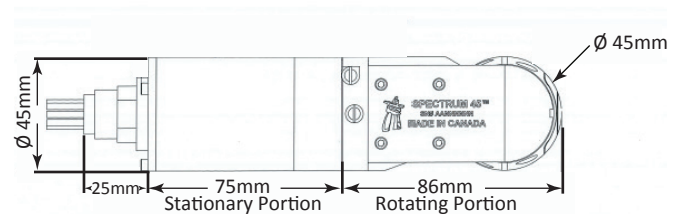
Spectrum 45™



Control System

Spectrum™ or
Versatrax™ controller;
88-264VDC 200W power;
1450 Pelican® case;
membrane panel with
joystick input, video text
overlay with keyboard
entry, date/time &
camera feedback.

Spectrum 45™ Standard Dimensions



Carbon Fibre Pole

Telescopic deployment
pole for ad-hoc or
scheduled inspections
in confined, restricted or
out-of-reach spaces: length
to 5m / 16ft; minimum entry
diameter of 23cm / 9in.

