

INFINITY LENS™

Staying In Focus - at all times...



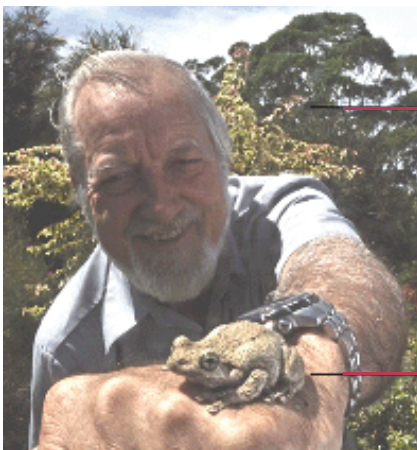
...SEEING IS BELIEVING.

About

VIT Innovation Limited has been working with the inventor of this technology for the past three years and are now releasing this exciting technological breakthrough technology to the UK and European markets.

We are convinced this revolutionary technology offers huge advantages in imaging quality and surveillance opportunities.

- The Infinity Lens™ Lenses are the only lenses in the world that stay in focus throughout the entire image.
- Conventional lenses have a limited depth of field, which means they can only focus on either the foreground or the background of an image at one time - never both.
- The Infinity Lens™ defies this tradition. Employing revolutionary optics technology that can focus on objects both in the foreground and background, the Infinity Lens™ Lens offers massive depth of field (MDF) meaning the foreground and background of a shot are in focus simultaneously.
- Objects stay in focus from within millimeters of the lens to as far as infinity. This means objects at different distances from the lens are all clear, without the blurring inherent in conventional lenses.



Background in Focus

Foreground in Focus



Works in low light conditions

The Infinity Lens™ delivers more depth of field in low light conditions than other lenses, making it ideal for high value security work and road/trackside surveillance

Jim Frazier is a world-renowned cinematographer, environmental advocate and inventor of the Infinity Lens™ Lenses. Jim's work has been recognized with more than 40 national and international cinematography awards, including a Technical Achievement Award from the Academy of Motion Picture Arts and Sciences in 1993, an Emmy and the Golden Panda (the so-called "Green Oscar"). He holds an Honorary Doctorate for Contribution to Science and Cinematography from the University of New England in Australia, and has been awarded the Medal of the Order of Australia (OAM) and the Rotary International Award for Vocational Excellence. In 1998 he was inducted into the Australian Cinematographers Society Hall of Fame.

Jim's original Panavision-Frazier lens has been in use by major US film studios since 2000 and has been employed by top directors such as Steven Spielberg, George Lucas, James Cameron and John Woo. The Panavision-Frazier lens has been used to film movie blockbusters including Jurassic Park, Titanic, Heat, and Star Wars : Episode II - Attack of the Clones.

Discovered through a process of trial and error based on decades of experience as one of the world's premier wildlife cinematographers, Jim's invention represents a feat previously considered impossible by the world of optics.

Introducing VIT Innovation Limited's VIT 43 Ultra Low Light Camera Module

VIT Innovation Limited has always been at the leading edge of ultra low light video surveillance operations with a wealth of experience and contracts over the past years supplying police, government and commercial bodies with specialist evidential grade equipment.

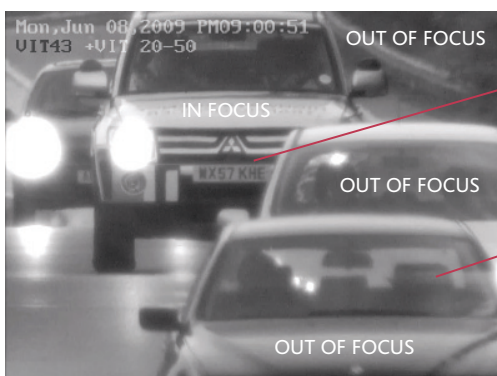
We have optimised the VIT43 module with its award winning 0.00004 lux ultra low light operation, and two night modes to operate with the Infinity Lens™ Lenses to give previously unobtainable results.

The images below show actual footage recorded at night at over 50 metres distance using the combination of VIT43 and Infinity Lens™ Lens in darkness with IR illuminator at the camera position.



The registration plates are clearly visible through car lights and at all distances using unchanged lens settings and Infinity Depth of Field

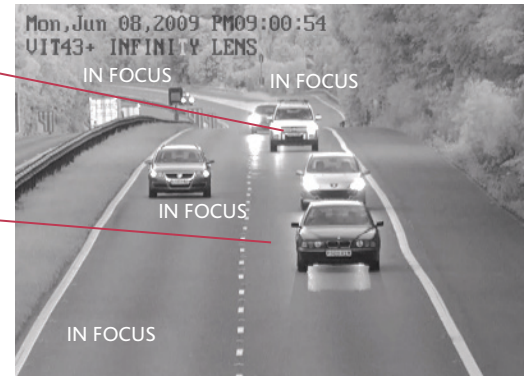
VIT43 and 20-50 Zoom lens in low light



200m

85m

VIT43 and Infinity Lens™ in low light



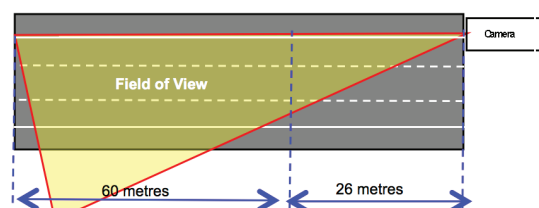
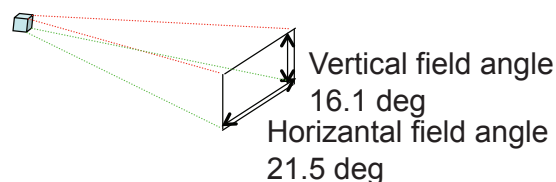
Comparison of VIT 43 camera with 20-50 zoom lens SET TO 200m view showing smaller depth of field than Infinity Lens™ Lens on same camera unit

Infinity Lens™ M2F R2 – Wider Angle and Multi-lane ANPR Lens



Effective Focal Length	16.1mm	Max Overall Length	96mm
F. stop	Min 2.8- Max 16	Max Diameter	40mm
Image Sensor Size	1/2" , 1/3"	Max Weight	40gms
Spectral Range	450nm-950nm	Focus Setting	Manual
Min TX within Spectral	80%	Mount	C Mount
Temperature Range	minus 20c, plus 70c	Focus Distance	Manual
Environment	Indoors/Outdoors	Hyperfocal	2m

Effective Field of View



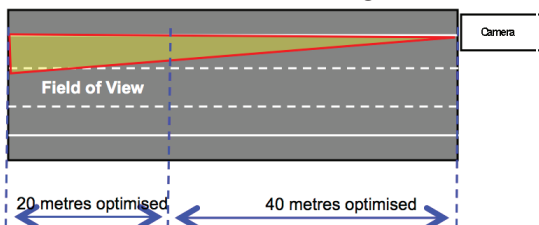
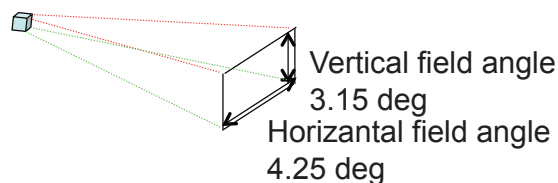
Multi-lane/Wide Angle Lens Setup

Infinity Lens™ M2F R1 – Narrow Angle and Single-lane ANPR Lens



Effective Focal Length	86mm	Max Overall Length	9140 mm
F. stop	Min 2.8- Max 16	Max Diameter	51mm
Image Sensor Size	1/2" , 1/3"	Max Weight	60gms
Spectral Range	450nm-950nm	Focus Setting	Manual
Min TX within Spectral	80%	Mount	C Mount
Temperature Range	minus 20c, plus 70c	Focus Distance	Manual
Environment	Indoors/Outdoors	Hyperfocal	50m

Effective Field of View



Multi-lane/Wide Angle Lens Setup

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