

IRisTM

SAFETY WAND

Making the
invisible visible



Key Features

Lightweight and robust

Infra-Red Intelligent Scintillator

Detects lasers in the 1460 – 1600nm range



IRis™
SAFETY WAND

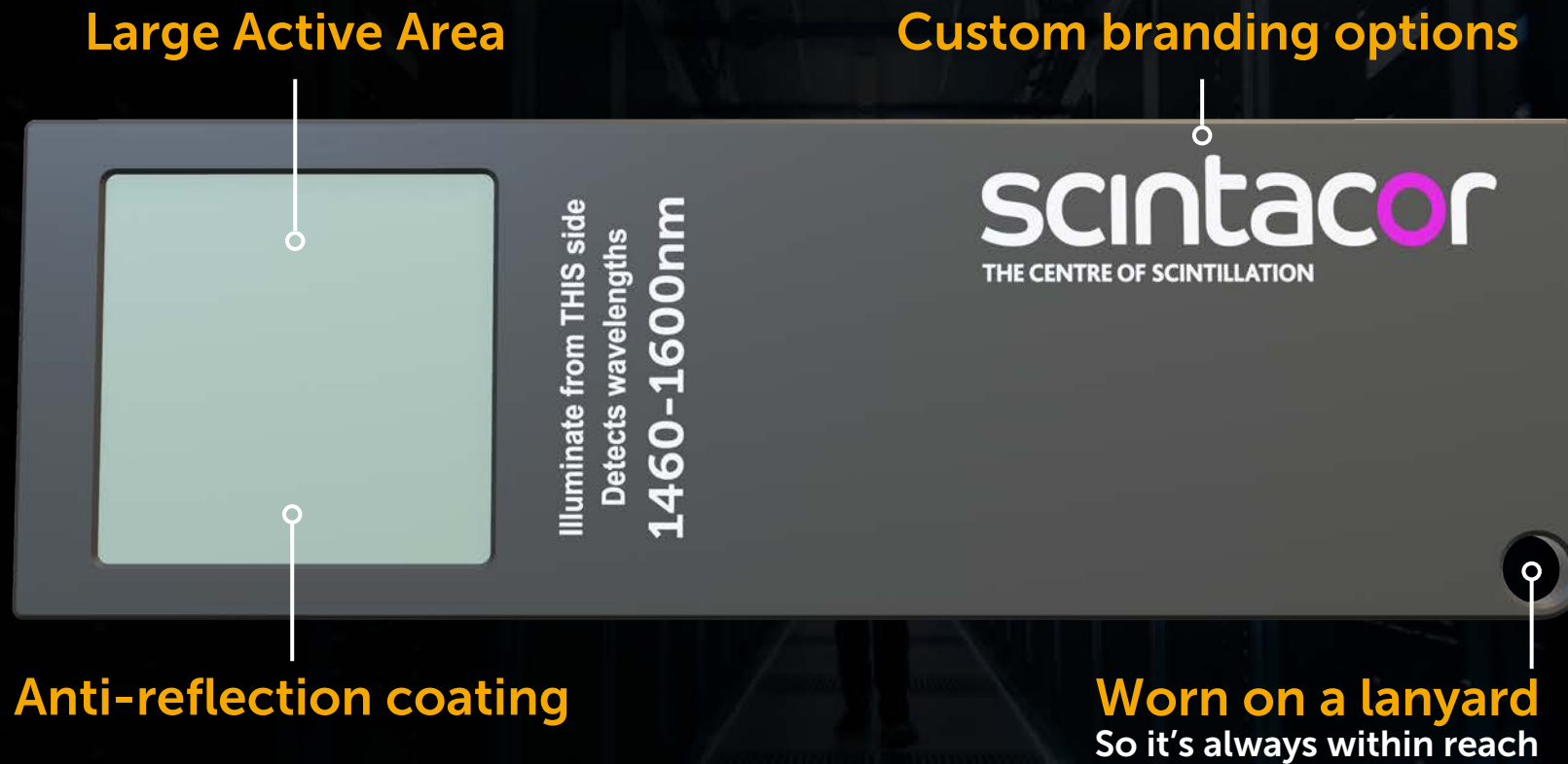
UK Patent Application No. 2118955.0

View from THIS side
NEVER look along the beamline

Passive Device
No batteries required

No more false positives
From safer low-power lasers

Key Features



Infra-Red Intelligent Scintillator

Designed to selectively detect lasers that operate at wavelengths between 1460 – 1600nm

Combining an optical long-pass filter with Scintacor's phosphor coating on a glass substrate, the *Infra-Red Intelligent Scintillator* will only glow under a specified wavelength range, discriminating between harmless low-power lasers and the high-power lasers that pose a safety risk, and without damage to the detector.

Specifications

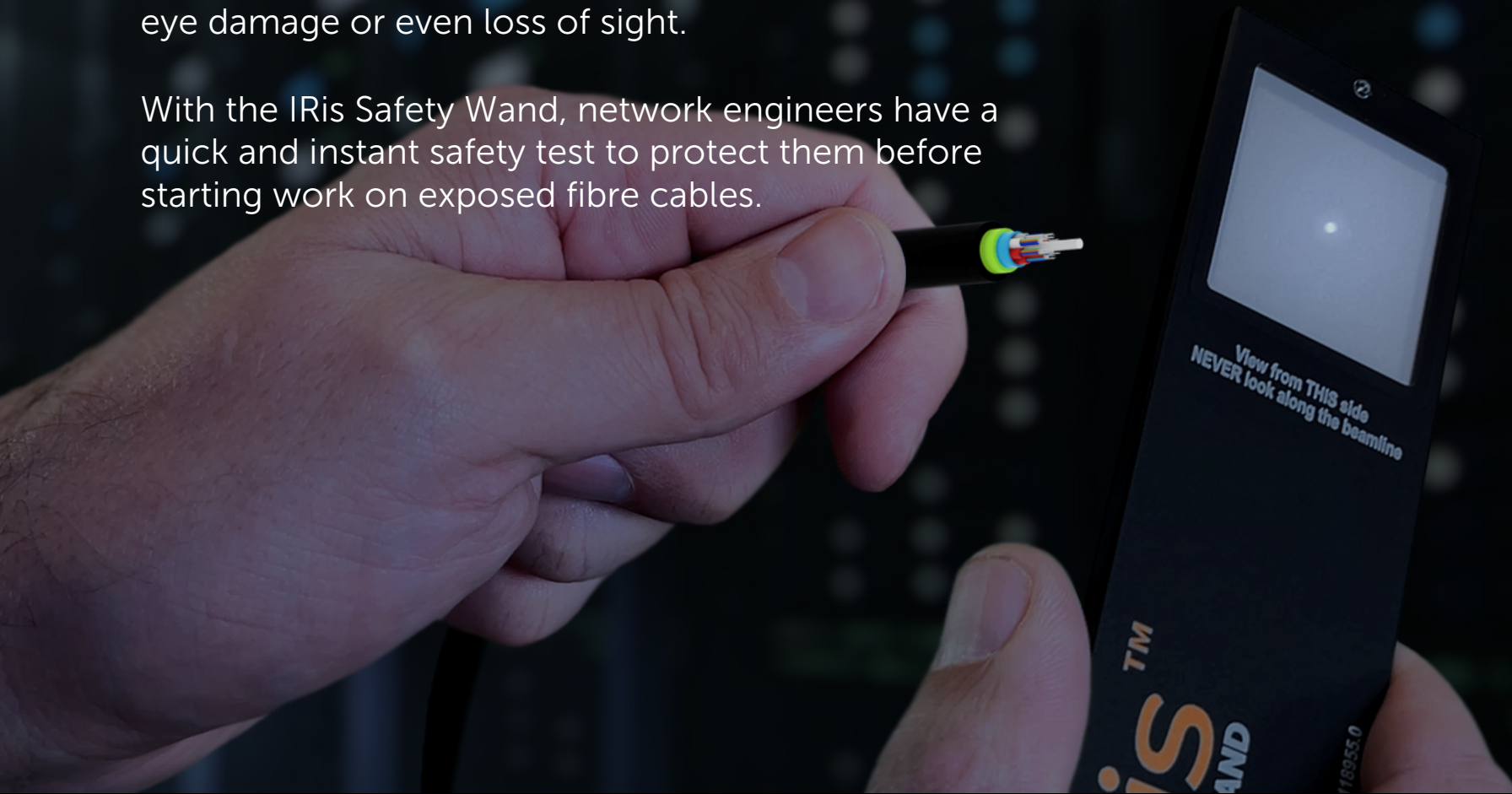
IR Detection Range :	1460-1600nm
IR Intelligent Scintillator:	Anti stokes phosphor with optical long pass filter
Scintillator Substrate:	Glass
Anti-reflection:	<2% reflection in 1100-2000nm range
Active Area:	35mm square

No more false positives

Only detect the wavelengths that pose a safety risk to personnel and infrastructure

Personnel safety risks include minor burns to the skin, eye damage or even loss of sight.

With the IRis Safety Wand, network engineers have a quick and instant safety test to protect them before starting work on exposed fibre cables.



Lightweight and Robust

Suitable for all environments – inside and outside

Not all environments where fibre work occurs are the pristine interiors of datacenters.

IRis answers the need for a lightweight, portable, robust device - unaffected by temperature or humidity changes – that requires no power, is always ready to use, and is not cost prohibitive.

Specifications

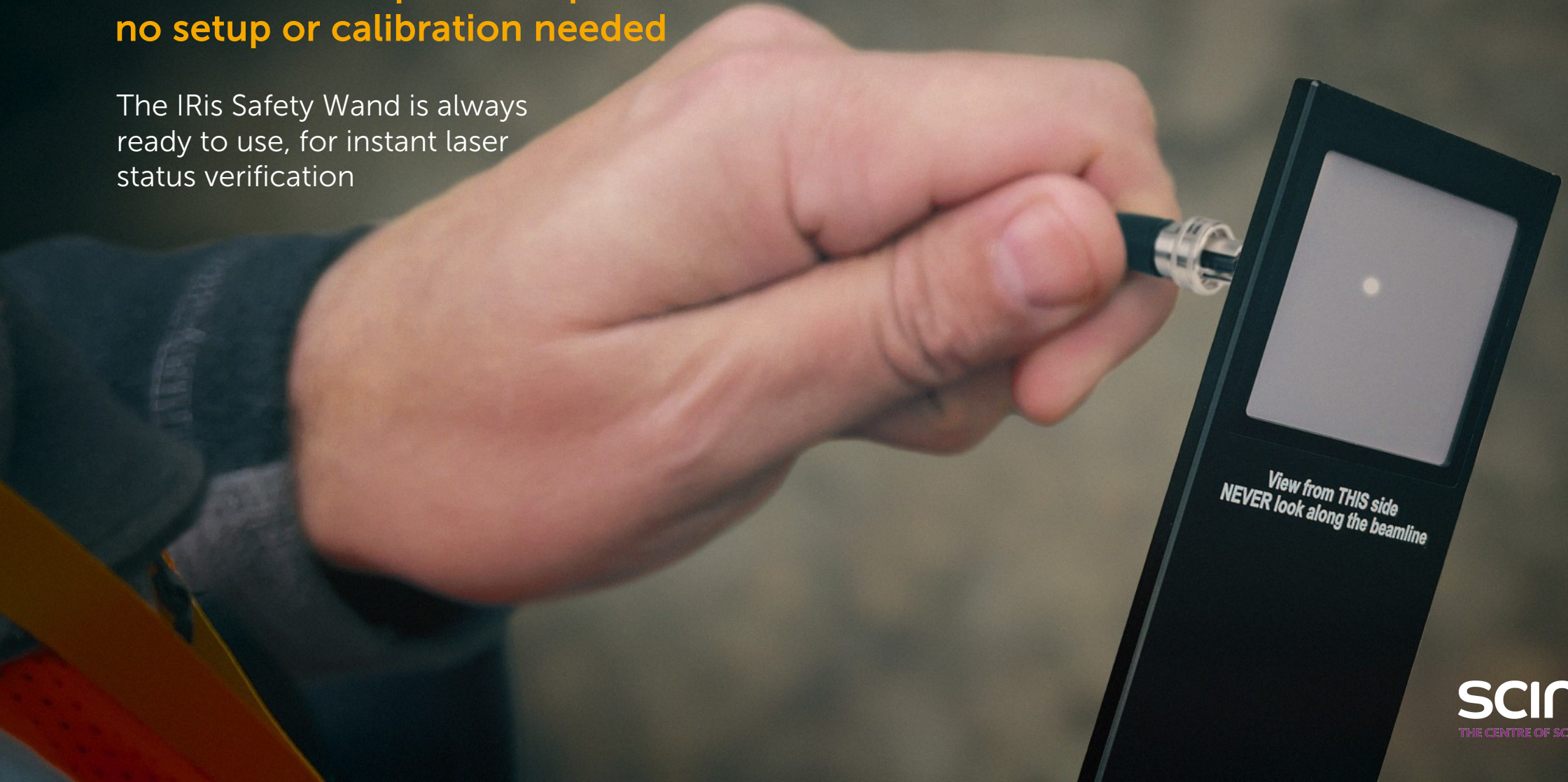
Wand Dimensions:	140 x 45 x 5mm
Wand Weight:	35g
Material:	Robust acrylic – lightweight but tough to withstand potential impacts
Finish:	Matt black to minimise reflections



Passive device

**No batteries or power required, and
no setup or calibration needed**

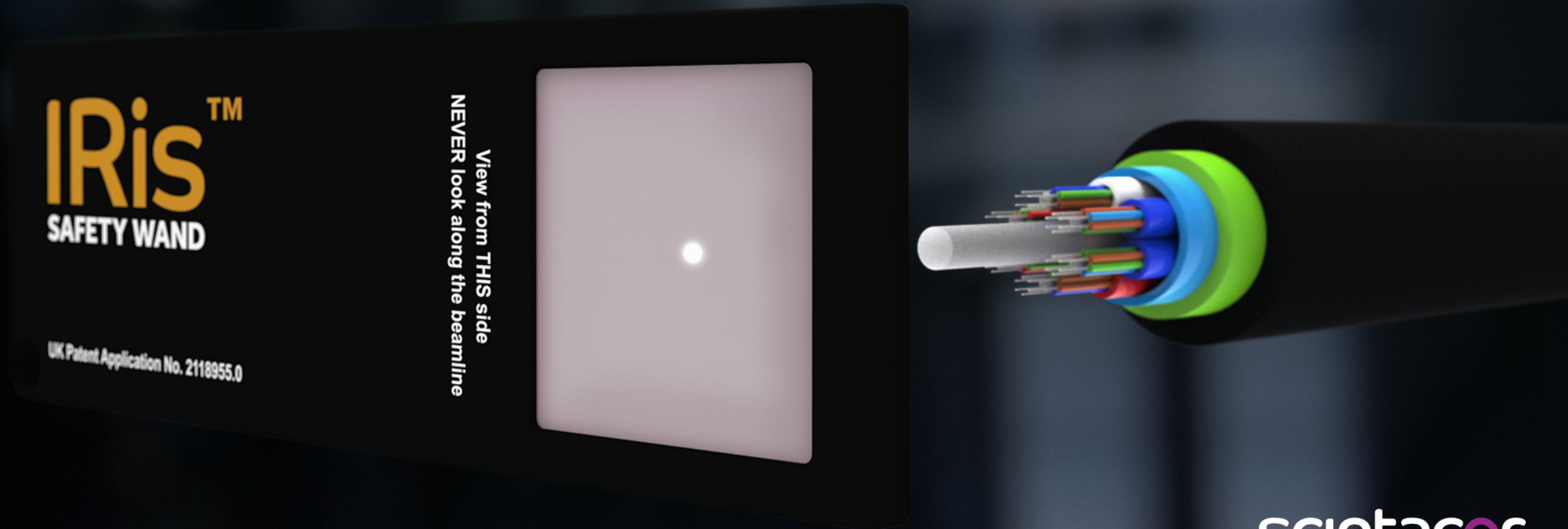
The IRis Safety Wand is always ready to use, for instant laser status verification



Large active area

Accommodates fibre bundles
up to 34mm diameter

Simply hold the wand active area in front of the exposed fibre



Anti-reflection coating

Surface properties chosen to minimize risk of any stray reflections

Anti-reflection coating on the outer glass surface provides <2% risk of reflection in the 1100-2000nm range.



Lanyard

Increase safety awareness and keep the wand always at hand

IRis Safety Wand comes with a brightly coloured lanyard so it can be worn comfortably around the neck, reducing likelihood of loss and increasing usability.

Wearing the wand all day brings about a level of awareness that allows the tool to be used as 'second nature', rather than tucked away in pockets or a bag out of sight.

A protective pouch, which can be used in combination with the lanyard, is provided for safe storage when not in use.



Custom branding

Add your company logo to the wand and/or select lanyard colours to suit your brand

Speak with our sales team for more details.

