

BCF Universal Goggles

For an all-around better view



MONO BUG



LCD BUG

Best on-farm ultrasound solutions

BENEFITS

BUG (BCF Universal Goggles) combine unprecedented display performance with excellent peripheral vision, setting a new standard in viewing ultrasound images.

Improved viewing: BUG goggles allow you to see the ultrasound image right in front of your eyes. Versions are available for binocular and monocular viewing. BUG goggles have high contrast and brightness that are optimised for the grey scale imaging of an ultrasound scanner.

Increased safety: BUG goggles are worn on your head in a way that maintains your peripheral vision while scanning. This allows you to be fully aware of both the animal and your surroundings, which minimises the risk of injury while scanning.

Durable: Designed for on-farm use, BUG goggles are tough and reliable. As well as being dust and splash-proof (IP65 sealed) they can also be used across a wide temperature range.

Comfort: BUG goggles are lightweight and headband mounted which means they can be worn for long periods of time without causing strain. The headband is very flexible and easily adjusted for different users. The side pivot allows the eye pieces to be adjusted up and down for different users or while you are not scanning.

Leading company: BUG goggles are designed to meet the demands of everyday on-farm wear and tear. BCF Technology, the company that creates innovation inspired by customers, is the leading brand behind Easi-Scan. With distributors worldwide, unparalleled customer service and unrivalled hands-on clinical training, we're always here to support you.



BUG VERSIONS



BUG is a binocular using the very latest OLED (Organic Light Emitting Diode) technology, providing the highest quality image available even in bright sunlight.



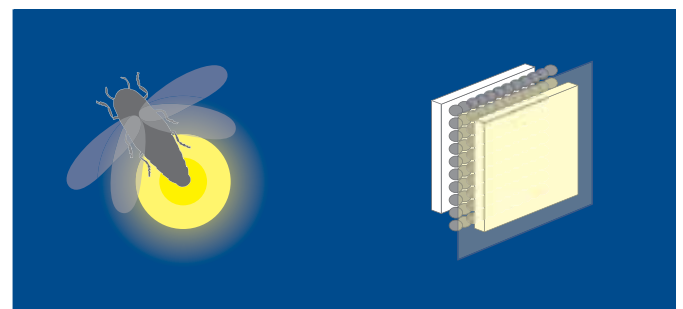
LCD BUG is a binocular providing a softer, more familiar image using LCD (Liquid Crystal Display) technology.



Mono BUG is a monocular using the same OLED technology as the original BUG. Designed with only one eye optic for people with difficulties seeing a single image in a binocular.

SPECIFICATIONS

	BUG	Mono BUG	LCD BUG
Display size	12.78 mm x 9 mm	12.78 mm x 9 mm	4.8 mm x 3.6 mm
Pixel resolution	SVGA 800 x 600	SVGA 800 x 600	QVGA 320 x 240
Luminance	850 cd/m ²	850 cd/m ²	180 cd/m ²
Contrast ratio	>300:1	>300:1	70:1
Temperature range	-40 °C to +40 °C	-40 °C to +40 °C	-10 °C to +40 °C
Weight	300 g / 12 oz	280 g / 11 oz	240 g / 9.5 oz
Enclosure (IP65 sealed)	YES	YES	YES
Configuration	Binocular	Monocular, left or right eye	Binocular
OLED technology	YES	YES	NO
Scanner compatibility	Easi-Scan; Duo-Scan	Easi-Scan; Duo-Scan	Easi-Scan; Duo-Scan



OLED Technology used in some BUG devices, gives a brighter, sharper image. These drain far less power and are a much greener technology.

Each element of the display emits light rather than acting as a shutter for an external light source. It is based in bioluminescence, the natural chemical reaction that occurs when a firefly glows or deep-sea fish give off coloured light.

Think of OLED display as a techno-sandwich. An organic compound made of carbon provides the filling, and the two conductors are the bread. When electricity passes through these conductors, bright light is emitted producing colours and a picture.

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