

SurgiScan Ultra - SSUBD-REVE



RRP £1,950

The SurgiScan Ultra Offers the Ultimate in 2D DataMatrix Code Reading.

- ✓ Reads all types of codes – 2D DataMatrix, 1D codes, QR codes.
- ✓ Highly configurable.
- ✓ Works with all known tracking systems.
- ✓ Live video window.
- ✓ Reads very small codes (0.4mm x 0.4mm).
- ✓ Reads low contrast and challenging codes.
- ✓ Robust, waterproof (IP65) aluminium case.
- ✓ Scratch resistant sapphire crystal glass.
- ✓ Designed and manufactured in the UK.

Ultra Reliable – Reading Very Small and Challenging Codes Quickly and Reliably.

■ **SYMBOLOLOGY:** Reads all 2D DataMatrix codes (ECC200), 1D barcodes and QR codes. Codes can be placed on the glass and read without the need to focus. Alternatively, codes may also be read up to 10cm distance.

■ **FAST & RELIABLE:** Reads up to 200 reads/second.

■ **DIFFICULT CODES:** Quickly and reliably reads challenging codes even those with poor contrast which have been through the sterilising cycle numerous times. Codes on very small, curved or shiny instruments are read easily.

■ **SMALL CODES:** Reads small (0.4mm x 0.4 mm) 2D DataMatrix codes easily.

■ **LIVE VIDEO:** Allows the code to be viewed on screen.

■ **SMART SOFTWARE:** Software allows users to manipulate codes according to their requirements. Recognise, ignore, extend or change codes. Makes it easy to fit in with tracking systems and existing marks. Can check that codes are valid for GS1.

■ **INSTALLATION:** Quick and simple installation in less than 5 minutes.

■ **AWKWARD INSTRUMENTS:** The shape of the reader has been designed to accommodate the most awkward shaped instruments.

■ **ROBUST & WATERPROOF:** The reader has a robust aluminium case which is waterproof and certified to IP65. This makes it easy to clean and perfect for use in CSSD wet areas.

■ **SCRATCH RESISTANT WINDOW:** The reader has scratch resistant and anti-reflective sapphire crystal glass as standard.

■ **ALL TYPES OF MARKING:** Easily reads laser, dot peen, chemically etched, micro dot etc.

■ **ALERTS:** Reader will beep and flash when a code has been read. The colour and volume are fully configurable.

■ **PROTECTIVE CAPS:** Plastic protective caps are available.

■ **WARRANTY:** Full 2 years parts and labour warranty given as standard. There is an option to extend this to 5 years if required.

■ **EXPORT:** Export is highly configurable to work with all known tracking systems.

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Specifications

Code Compatibility 2D DataMatrix Code Reading Extended 2D Code Reading 1D Barcode Reading	Reads all 2D ECC200 DataMatrix Codes including GS1 PDF417, QR Code, Maxicode EAN-13, EAN-8, UPC-E, Codes 128, Code 39, Codabar, UCC/EAN 128, RSS, ITF6, Standard 2 of 5, Matrix 2 of 5, Industrial 2 of 5, Plessey, MSI Plessey, Code 11, Code 93 etc.
General Characteristics Reading Distance Depth of Field Decode Rate Compatible Systems Data Export Audio Read Alert Live Video Window	Reads codes placed on reading window Up to 20mm depending on code quality 5ms reading time. Up to 200 reads per second. All known tracking systems (e.g. T-Doc, Instacount, CensiTrac) Keyboard Wedge, Virtual Serial (COM) Port, HTTP, Named Pipe Beeps on successful read (volume configurable) Allows code to be viewed on screen in video window
Recommended PC Requirements Computer Requirements Operating System Power	One available USB 2.0 port Microsoft Windows 7, 10 or 11 5V provided by USB 2.0 cable
Optical Features Light Source Lighting	Red, Green Blue (RGB) LEDs Fully configurable resting colour and read colour
Physical Characteristics Height Diameter Weight Cable Length Window Diameter Case Material Water Resistance Window Material	95mm 90mm 640g (including cable) 180cm 29mm Aluminium Waterproof rating to meet IP65 Sapphire Crystal with anti-reflective coating
Environmental Characteristics Operating Temperature Storage Temperature Drop Resistance	-25 to 55°C (-13 to 131°F) 0 to 30°C (-32 to 86°F) Withstands drops from 1m / 33 inches on to hard floors
Safety Approvals Environment Compliance EMC Standards	Conforms to UKCA, CE and FCC Complies to EU RoHS Radiated Emissions: EN61326-1:2020 47 CFR Part 15B ICES-003 Issue7 Electro Static Discharge Test: IEC 61000-4-2:2008 Power Frequency Magnetic Field Immunity: IEC6 61000-4-8:2009 Radiated Electromagnetic Field Immunity: IEC 61000-4-3:2020 Conducted Disturbances Induced Electromagnetic Fields: IEC 61000-4-6:2013
Warranty	2 years parts and labour as standard with option to extend to 5 years
Country of Origin	Designed and manufactured in the United Kingdom
Customs Tariff Number	84716070