The SurgiScan Ultra FleX: Ultimate High Performance Reading Meets Outstanding Flexibility. The UltraX in Your Hand.

- Reads all types of codes – 2D DataMatrix, 1D codes, QR codes.
- Desktop or handheld operation.
- Fast, reliable reading.
- 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.

GS1 UK

RRP £2,200

Extra Features, Extra Performance, Extra Flexibility – Read All Codes Quickly and Reliably with One Reader.

■ **SYMBOLOGY:** 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 35cm distance.

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

■ **PORTABLE:** The reader is designed to fit comfortably into the hand and has a 3 metre cable so that it can be picked up when required and pointed at a code or easily moved to a different work area.

■ **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.

■ **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.

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

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

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

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

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

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

■ **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.

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

■ **READER IDENTIFICATION:** The base is silver but can come in red, blue or green so you colour code your process.

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

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

Specifications

Code Compatibility	
2D DataMatrix Code Reading	Reads all 2D ECC200 DataMatrix Codes including GS1
Extended 2D Code Reading	PDF417, QR Code, Maxicode
1D Barcode Reading	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	0 – 35cm vertically from glass window surface
Minimum 1D Resolution	5mm
Decode Rate	5ms reading time. Up to 200 reads per second.
Compatible Systems	All known tracking systems (e.g. T-Doc, Instacount, CensiTrac)
Data Export	Keyboard Wedge, Virtual Serial (COM) Port, HTTP, Named Pipe
Audio Read Alert	Beeps on successful read (volume configurable)
Live Video Window	Allows code to be viewed on screen in video window

Recommended PC Requirements	
Computer Requirements	One available USB 2.0 port
Operating System	Microsoft Windows 10 or 11
Power	5V provided by USB 2.0 cable

Optical Features	
Light Source	Red, Green Blue (RGB) LEDs
Lighting	Fully configurable resting colour and read colour

Physical Characteristics	
Height	165mm
Length	50mm
Width	65mm
Weight	540g (including cable)
Cable Length	300cm
Window	29mm
Case Material	Aluminium
Water Resistance	Waterproof rating to meet IP65
Window Material	Sapphire Crystal with anti-reflective coating

Environmental Characteristics	
Operating Temperature	-25 to 55°C (-13 to 131°F)
Storage Temperature	0 to 30°C (-32 to 86°F)
Drop Resistance	Withstands drops from 1m / 33 inches on to hard floors

Safety	
Approvals	Conforms to UKCA, CE and FCC
Environment Compliance	Complies to EU RoHS
EMC Standards	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