

> RTS SRS5

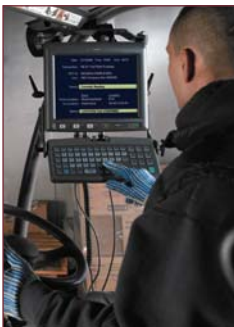
Rugged Scanner for Symbol VC5090, VRC7900 & VRC8900



KEY FEATURES – BENEFITS

- Specifically designed for Symbol terminals – *Directly compatible with Symbol VC5090, VRC7900 and VRC8900 series heated and non heated terminals*
- Extended range – *Capable of reading barcodes within a range of 5 centimetres to 10 metres*
- Advanced fuzzy logic – *Enables you to read the lowest-quality barcodes*
- High-impact, chemical-resistant casing – *Suitable for use in industrial environments*
- Rubber-mounted internal components – *Reduces possible damage to internal optical components when dropped*
- Low-temperature version with in-built internal heater and auto-demist feature – *Enables continuous operation without fogging at -30°C requires optional RTS DC-DC converter**
- Stainless steel top cover – *For additional strength and tethering*

**VC5090, VRC7900 & VRC8900 series terminal & heated version of SRS5 require powering by an RTS SRS5 DC-DC converter P/N PWRT132 for 6-60v forklifts or P/N PWRT133 for 15-96v forklifts for freezer use*



PRODUCT OVERVIEW:

The RTS SRS5 is a rugged handheld barcode scanner combining state-of-the-art technology with durability and reliability.

The SRS5 has been specifically designed to be used with the Symbol VC5090, VRC7900 and VRC8900 series in heated and non heated applications. The SRS5 comes with specifically designed cables to allow it to be plug-and-play compatible.

When using VC5090, VRC7900 and VRC8900 terminals in low temperature environments, and the heated version of the SRS5, the RTS SRS5 DC-DC converter P/N PWRT132 for 6-60v forklifts or P/N PWRT133 for 15-96v forklifts will be required.

The SRS5 scanner provides long range scanning with the Lorax version and scanning through shrink wrap with the Fuzzy Logic version, enabling quick scanning from the forklift which can improve driver safety and efficiency. When the scanner is used in low temperature applications, there is no requirement for any external heating device as the SRS5 has an optional built in heater.

Precision optics and electronics provide a high first-hit-rate for most colour, thermal or carbon-based labels.

The internal components, including the scan engine assembly and associated electronics, are mounted on shock proof rubber supports to reduce direct impact when the units are dropped.



>RTS SRS5

Rugged Scanner for Symbol VC5090, VRC7900 & VRC8900

SCANNING OPTIONS

Extended Range Version

- Scanning range:
 - Up to 4.5 metres (bar width of 55mil)
 - Up to 10 metres (bar width of 100mil)
- Two-stage trigger mechanism: stage 1 for the aiming beam, stage 2 to scan

Fuzzy Logic Version

- Exceptional reading performance – uses 'code reconstruction' techniques to read poor contrast or poor quality barcodes
- Reads up to 1.3 metres (bar width of 55mil)
- Reads through shrink wrap

TECHNICAL SPECIFICATIONS

General performance

- Reads all industry standard barcode symbologies, including UPC, EAN, Code 39, Code 39 Full ASCII, Interleaved 2 of 5, Discrete 2 of 5, Code128, EAN 128, Code 93, Codabar
- Auto-discrimination of barcode types
- Scan and good-read LEDs (red and green)
- 650nm laser diode (visible red)

Code Types

- Auto-discrimination of all industry standard symbologies, including UPC / EAN versions A and E (EAN 8 and 13), Code 129, Code 39 Full ASCII, Code 128, Codabar, Interleaved 2 of 5, Discrete 2 of 5, MSI, Code 93
- Print Contrast: 25% minimum

COMMUNICATIONS

Interface

- RS232 decoded
- Designed to be plug-compatible with Symbol VC5090, VRC7900 & VRC8900 series terminals

PARAMETERS

Temperatures

- Standard 0°C to 40°C
- Cold store version -30°C to +40°C
- Storage 0°C to +60°C

Humidity

- 5% to 95% non-condensing

Shock

- Unit functions normally after a 2 metre drop onto concrete

Reliability

- Designed for a mean time before failure (MTBF) of 5 years

DIMENSIONS

- Height: 225mm
- Width: 71mm
- Depth: 158mm
- Weight: 550g (excluding cable)

CONFIGURATION OPTIONS

- Barcodes can be prefixed and suffixed
- Barcode parity checking (where available)

COMPLIANCE

Approvals / Standards

- General: C-Tick (AS/NZS CISPR 22:2006)
- Laser: IEC825 Class 2

OPTIONS

- -30°C freezer grade heater version
- Leather Holster
- Retractable Spring Balance
- 6 to 60v DC – DC Converter
- 15 to 96v DC – DC Converter

Symbol cables

- VC5090NT • VC5090CS
- VRC7900NT • VRC7900CS
- VRC8900NT • VRC8900CS

NT = normal temperature
CS = cold store

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RTS is an Australian hardware manufacturer and integrator of mobile devices, specialising in warehousing and materials handling applications. The company was founded in 1997, and is now recognised for its market-leading ruggedised products and responsive customer service.

RTS is a subsidiary of the Oxford Logistics Group, a family owned business which focuses on providing products and services for the cold storage, logistics, warehousing and materials handling industries.

Because of our constant product improvement process, these performance specifications may be subject to change at any time without notice.



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