



# Automatic Identification Technology

## Barcode Hand Held Scanners

**SICK**

# SICK Barcode Identification with Hand Held Scanners



Because of increasing demand for mobile and portable barcode scanners, SICK is presenting its new range of Hand Held Scanners. Innovative technology for identification of linear barcodes or Matrix Codes, reading distances from contact up to a couple of meters, data transmission via cable or radio frequency is offering an ideal solution for any identification task.

Portable Hand Held Scanners for the identification of barcodes are used within applications where objects or products are handled manually while becoming identified.

Therefore the Hand Held Scanners of SICK are equipped with different interfaces to connect the scanners with various peripheral devices such as PC Computers, Terminals, EDP Systems, mobile data collection terminals or point of sales cash registers.

SICK is offering appropriate Hand Held Barcode Scanners for the identification of linear or stacked barcodes as well as for the increasing use of the innovative matrix code.

Exchanging data online without the use of a cable connection from the port-

able identification unit to the host computer is now no longer a problem. SICK is offering the ideal solution on the base of a cordless radio frequency data transmission. This technology is integrated in the Hand Held Barcode Scanners and guaranties the real-time transmission even for large data quantities. Thanks to this technology, tracking and tracing of products becomes even more comfortable for the user.

Whether fix mount or portable, SICK can offer the optimised barcode scanner for any application.



# Hand Held Line



## VT 3060/3080 (CCD)

Reasonably priced CCD Contact Scanner

Integrated decoder for different interfaces

Easy programming by the use of a barcode menu

Robust and lightweight housing

Optical and acoustical Good-Read-signal

Side trigger for ergonomic operation



## ST 3215 (CCD)

Superior scanning performance available in contact, standard and long range version

Applicable for the identification of bad quality barcode labels

Integrated decoder for various interfaces

Robust and ergonomic housing

Various stands and brackets available

Manual trigger



## IT 3800 (CCD)

High performing Hand Held Scanner

Thanks to innovative CCD technology

Bright, sharp and focused aiming line

Outstanding reliable barcode identification even under the condition of bright sunlight

Best reading performance having worst barcode label quality

New design by the smooth handle curves, soft molded grip area, and comfortable trigger

Increased reading distances up to 50 cm for a 1,25 mm modulewidth code

Technical data	VT 3060/3080 (CCD)	ST 3215 (CCD)	IT 3800 (CCD)
Reading range (mm)	0 ... 25	0 ... 20, 0 ... 120, 25 ... 220	45 ... 520
Reading width (mm)	VT 3060: 60 VT 3080: 80	60, 90, 125	125 at 200 mm reading distance
Scanning frequency (Hz)	100	112	270
Data interfaces	Wandemulation Keyboard Wedge for PCs RS 232 True	Wandemulation Keyboard Wedge for PCs RS 232 True	Wandemulation Keyboard Wedge for PCs Laser Out RS 232





### ST 5400 (Laser)

Mid range depth of field category Laser Scanner

Integrated Decoder for various data interfaces

Programmable via barcode menu or PC Utility

Reading distance up to 50 cm

Ergonomic shape by easy to hold, aim and trigger

Field replaceable cable

Various stands and brackets available



### ST 5700 (Laser)

High end category Laser Scanner

Available in High Density, Standard or Long Range Versions

Integrated Decoder for various data interfaces

Programmable via barcode menu or PC Utility

Reading distance up to 200 cm

Ergonomic shape by easy to hold, aim and trigger

Field replaceable cable



### IT 4400 (2-D-CCD)

High performing Image Reader

Support all popular 2-D Symbologies as well as the autodiscrimination of linear barcodes in a mix with 2-D symbologies

Omnidirectional Scanning is possible

Dataoutput via RS 232 interface

Provides a view finder pattern as an ease of use feature for the user

Ergonomic and rugged design

Technical data	ST 5400 (Laser)	ST 5700 (Laser)	IT 4400 (2-D CCD)
Reading range (mm)	0 ... 500	60 ... 2250	up to 220
Reading width (mm)	300 at 300 mm reading distance	500 at 790 mm reading distance	
Scanning frequency (Hz)	36 ± 3	36 ± 3	5 decodes per second
Data interfaces	Wandemulation Keyboard Wedge for PCs Laser Out RS 232 True	Wandemulation Keyboard Wedge for PCs Laser Out RS 232 True	RS 232





### ST 3470 (CCD RF)

Hand Held CCD Scanner with integrated RF data transmission

Reading distance up to 17 cm

Enhanced flexibility and safety thanks to cordless data transmission

Removable batteries which are recharged by plugging in a charging station

Broad range coverage of the RF module (radius 25 m)

2.4 GHz radio technology including frequency hopping



### ST 5770 (Laser RF)

Hand Held Scanner Laser with integrated RF data transmission

Reading distance up to 200 cm

Enhanced flexibility and safety thanks to cordless data transmission

Removable batteries which are recharged by plugging in a charging station

Broad range coverage of the RF module (radius 25 m)

2.4 GHz radio technology including frequency hopping



### ST 2070 (RF Basestation)

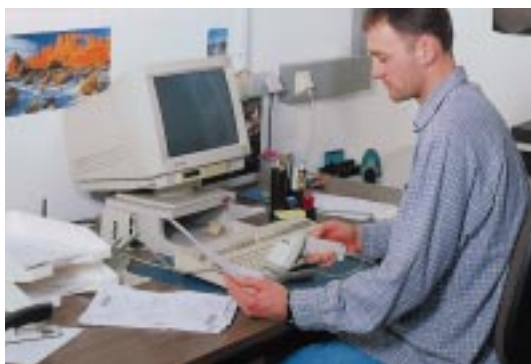
Each base station handles up to 9 scanners simultaneously

Broad range coverage of the RF module (radius 25 m)

Various data interfaces available

Enclosure rate IP 54

Technical data	ST 3470 (CCD RF)	ST 5770 (Laser)	ST 2070 (Basestation)
Reading range (mm)	up to 170	60 ... 2250	
Reading width (mm)	up to 180	500: 790 reading distance	
Scanning frequency (Hz)	112	36 ± 3	
Data interfaces	RF Data transmission to the basestation ST 2070	RF Data transmission to the basestation ST 2070	Wand emulation Keyboard Wedge for PCs RS 232 True



# Interested? Copy, Fill In and Fax Back.

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