snap
BARCODE SCANNER
5100 series

autopack
Print . Scan . Manage

Yellow Protector

Black Protector

SNAP 5100 series
Long Range Imager Barcode Scanner

SNAP 5100 series barcode scanners have an outstanding reading performance and excellent ergonomic design combined with unmatched durability.

SNAP 5100 series barcode scanners is capable of reading high density symbologies (3 mil) and also low density symbologies from as far as 350mm.

SNAP's high speed scanning and superior optical resolution are combined together which yields outstanding reading capability and aggressive performance.

SNAP 5100 series scanners are rugged and durable which has no moving parts and yet operates at a speed of 200 scans per second.

The new ergonomic-design allows the user to easily target the desired bar code and complete the data transmission with a simple press of button.
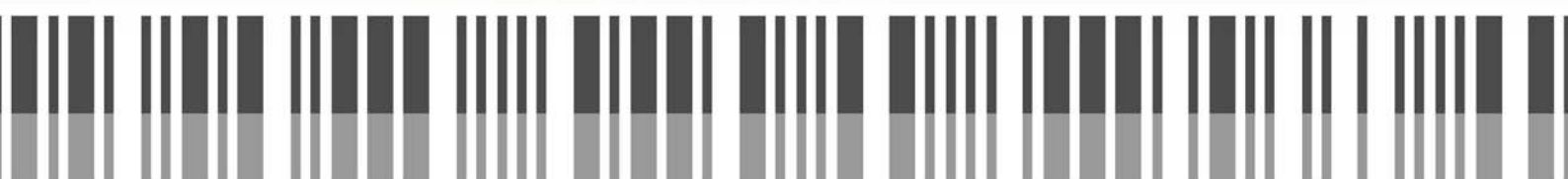
SNAP 5100 series scanners support many applications, including:

▶ Office Automation / Document Handling

▶ Manufacturing / Warehouse / Logistics

▶ Cash and Carry Retail Applications

▶ Shipping and Receiving Control

▶ Healthcare / Pharmacy

SPECIFICATIONS
SNAP 5100i scanner

5100i

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PERFORMANCE

Category	Linear Imager Scanner
Optical sensor	2500 Pixel Toshiba sensor
Light source	Red LED (630 ~ 660nm)
Resolution	PCS 0.075mm (3 mil) or more
Scan angle	43°
Scan rate	200 scan/sec
PCS value	25% of reflectance or better
Depth of field	up to 100mm or more. (PCS90%)
Scan Distance	4mil : 40~80mm(PCS=90%) +- 5mm
	5mil : 40~100mm(PCS=90%) +- 5mm
	10.5mil : 40~180mm(PCS=90%) +- 5mm
	13mil : 40~210mm(PCS=90%) +- 5mm
	40mil : 40~350mm(PCS=90%) +- 10mm
Decodable Symbologies	Code 39, Full ASCII Code 39, Code 32, Code 128, Code 93, Code 11, Codabar/NW7, All UPC/EAN/JAN Code (EAN-13,EAN-8, UPC-A, UPC-E,EAN-128), Interleave 2 of 5, STD 2 of 5, Industrial 2 of 5, matrix 2 of 5, Chinese Postage Code, IATA, MSI/PLESSY, Italian Pharmacy Code, Industrial 2 of 5, BC-412
Option Decodable	RSS-14, RSS Limited, RSS Expanded, PDF417

PHYSICAL

Case Material	ABS, UL94U0
Protector Color	Black / Yellow
Dimension	180mm(L) x 57mm(W) x 25mm(H)
Connections	PS2 / USB / D-Sub(9) or Option
Weight	approx. 150g (scanner only), w/USB cable - 190g

ENVIRONMENT

Operating temperature	0°C to 50°C / 32°F to 105°F
Storage temperature	-26°C to 60°C / -15°F to +140°F
Operating/storage humidity	Non-condensing 10% to 80% / 10% to 90%
Impact Resistance	Approved by 1.2m drop test on concrete
IP rating	IP30
Safety approval	FCC Class-A, CE, U/L, RoHS compliant
Warranty	36 months

All specifications are subject to change without prior notice.

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