PRODUCT SPECIFICATION SHEET
SC2400 Series Handheld Scanners

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SC2400 PELICAN

Handheld Scanners

The scanners of the SC2400 Pelican Series are specifically designed for operations where a highly accurate 1D/2D scanning solution with a rugged design is required. They stand out with their top scanning performance for traditional barcodes and digital displays, even for damaged or poorly printed barcodes.

Especially 2D barcodes have become prevalent in all vertical systems, appearing on various items and parts. With the SC2400 Series, you can scan it all. This series offers an affordable 1D/2D imager that delivers uncompromised performance and features, without sacrificing affordability.

You have the option to choose between the corded SC2410 model or the cordless SC2470, depending on your specific requirements. The SC2430 is optimized for scanning DPM 1D and 2D codes. With the SC2440 you will have the perfect scanning device for all applications in healthcare environments.

The SC2400 Series provides the affordability your budget demands, while ensuring easy deployment, user-friendly operation, and simplified management that your business needs.

Comes ready to use
Pre-configured and ready to use right out of the box. The default settings are set to meet the majority of scanning requirements. You can immediately start to use the SC2400.

Easy integration
Simply connect the SC2400 Series to your Point of Sale (POS) system and the auto-host detect cables will automatically recognize the interface and establish a connection with the imager. This streamlined process simplifies setup and reduces the time required for configuration.

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Physical Specifications

Dimensions (L x W x H)	Scanner	173 mm x 66 mm x 94 mm
	Cradle (SC2470 only)	122 mm x 94 mm x 75 mm
Weight	Scanner	203 g (218 g with cable)
	Cradle (SC2470 only)	194 g

Resilience

Protection Class	IP52
Drop Protection	1.8 m

Color

Product Color	Larimar (trigger)	Midnight black (housing)

Performance

Decode Capabilities	2D: QR Code, Micro QR, Data Matrix, PDF417, Micro PDF, Aztec, Maxicode, Dotcode	
	1D: Code 39, Code 93, Code 128, CodaBar, EAN8, EAN13, ITF25, ITF14, UPCA, UPCE	
Scan Pattern	1280 x 1024 CMOS	
Lighting	Aiming: Red LED	Illumination: White LED
Depth of Field	Code 39 (3 mil)	45 ~ 80 mm
	Code 39 (5 mil)	35 ~ 100 mm
	Data Matrix (5 mil)	45 ~ 75 mm
Field of View	Horizontal: 40°	Vertical: 34°
Resolution	3 mil	
Contrast	≥ 10%	
User Indicator	Red and blue LED light, Buzzer	
	Green LED light, Buzzer, Vibration (SC2470 only)	
Bluetooth	Bluetooth 4.0 (SC2470 only)	
Memory Capacity	380000 bytes (SC2470 only)	
Pairing	1 to 1 Pairing	

Power

Input Voltage	5 VDC ± 5%
Working Current	190 mA / 400 mA (SC2470 only)
Battery Capacity	2200 mAh (SC2470 only)
Charging Method	Cable + Cradle
Charging Time	5 h (SC2470 only)
Working Hours	8 h continuous scans (SC2470 only)

User Environment

Operating Temperature	-20° C - +60° C
Storage Temperature	-40° C - +70° C
Humidity	5% to 95% non-condensing
Light Source	0-100000 Lux

Cradle for the SC2470

Physical Keys	1 x Pairing, 1 x Upload Data
Power Cable	1.5 m
User Indicator	Red / Green / Blue LED