CYCLOPS-series

Ultra-Compact Bluetooth® Scanner

compatible with smartphones and tablet running on iOS, Android, or Windows

Silm design   High performance   Easy to use   Ultra light weight

Spotlight on Features

- Support both HID and SPP connection
- Provide 1D (CYCLOPS-I) and 2D (CYCLOPS-II) barcode reading solutions
- 3.7V, 720mAH Li-Ion battery pack supports long working hours
- Perfect wireless barcode data capture device for mobile operations (Smart phone, iPad, Tablet, and Desktop PC's)
- 2MB Flash ROM for data storage in batch mode
- USB 2.0 Client Compatible
- Ultra compact size and ergonomics design minimizing operation fatigue
- Built-in RTC giving time-stamp on each scanned data
- IP 54 high-level industrial protection maximizing application reliability
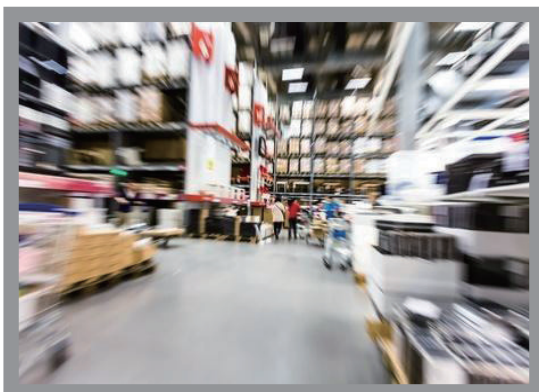
Application Snapshots

Stylish and Lightweight (Luxury Cloud-POS Applications)

Designed for mobile operations, CYCLOPS-I is stylish and light weighted. Only 50-gram in your hand, both its appearance and color tone match seamlessly with the contemporary Cloud-POS atmosphere in classy stores and shops. Depending on your barcode reading demands, the CYCLOPS-series gives both 1D version and 2D version for best cost structure arrangements. To enhance the overall quality of retail, hospitality, and healthcare service points, CYCLOPS-series will be your only and best ever choice.
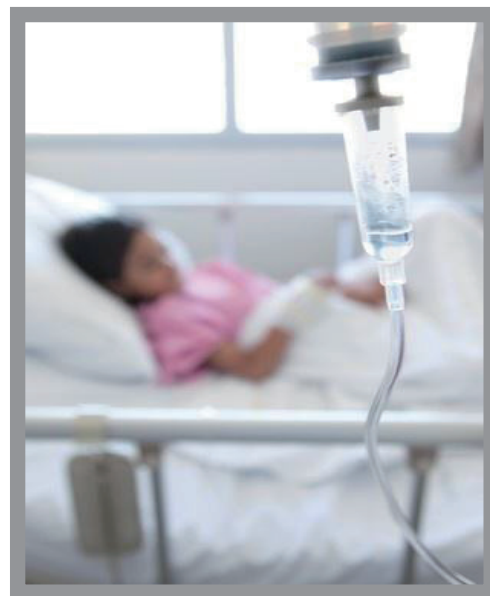
Long Working Hours and Tough Product Structure Design (for Real World Mobile Applications)

With 720-mAH Li-ion rechargeable battery pack and precision power management algorithm, CYCLOPS-series gives long working hours of up to 15-Hr (15,000 scans) to support extended duty hours in the real world retail operations. Delicate engineering design has provided CYCLOPS-series elegant appearance but with strong internal structure. Not only surviving 2-meter multiple drop on concrete, the CYCLOPS-series also passed IP-54 dust and water resistant tests to ensure every unit of the CYCLOPS-series family members can work with you in every possible real world mobile applications.
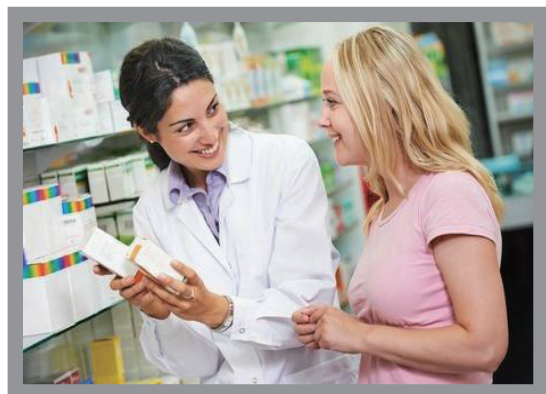
Real Time Clock Built-in (for Time-Sensitive Data Capture Tasks)

CYCLOPS-series is implemented with Real Time Clock (system clock) feature which is critical for time-sensitive data capture tasks. Configured via USB link through the host, internal clock can be activated and, under batch mode, each scanned data will be added with time stamp and year/date/hour/min/sec will be associated with each barcode data scanned. The internal Real Time Clock will continue running without interruption unless the main battery is removed. This feature is very useful while time-sensitive data capture tasks are performed in hospitality services (for example, dish ordering time), healthcare services (for example, patient bed side checking time), and entertainment services (for example, ticket entry time). With CYCLOPS-series in hand, all these tasks can be carried out elegantly and smoothly with accuracy.

Adopt Versatile Wireless Configuration (Barcode Data Capture Applications)

Barcode data capture is the critical step in all business operations. Not only a mis-read barcode data may never be seen again, but also a mis-read barcode data may lead to various operation problems. So, accurate reading is the "must" of barcode data capture tasks. Implemented with high performance scan engine, the CYCLOPS-series give accurate yet snappy readings on both 1-D and 2-D barcode. 2MB F-ROM memory provides ample space to store off-line or batch barcode data scanned.

Reliable and High Performance Scanning (for Serious Data Capture Tasks)

CYCLOPS-series is designed based on Bluetooth standard for maximized compatibilities with various wireless devices such as smart phone (including iPhone、Xperia & Galaxy), iPad, tablet or desktop PC's. With simple 1 -button aim-and-shoot scanning design, the CYCLOPS-series provides convenient and easy way to collect barcode data even for un-experienced users. Moreover, attractive visual LED's and audio buzzer give instant feedback on the scanning result and battery capacity status. CYCLOPS-series also adopts the most contemporary application demands like reading cell phone and tablet/NB screen barcode coupons. These features make CYCLOPS-series the best product for all mobile data capture applications.

CYCLOPS series

Ultra - Compact Bluetooth Scannr

Model		Cyclops 1	Cyclops 2
Performance	Receiving Device	Linear CCD imager	CMOS imager
	Sensor Resolution	CCD sensor, 1,500 pixels	CMOS, 1280 x 800 pixels
	Light Source	Visible LED 625nm	One 610nm Aiming LED
	Optical Resolution	5 mil	4mil code39, 5mil PDF
	Scan Rate	Nominally 100 scans/second	60 - Frame/sec
	Printing Contrast	20% Minimum	
	Ambient Light	110,000 Lux	110,000 Lux
	Reading Distance	38mm~610mm	Depending on 1D or 2D
	Memory	2MB Flash ROM	32 MB Flash ROM/128MB SDRAM
		10,000 min scan data storage	
Corresponding code		UPC, EAN, Code 128, Code 39, Code 93, Code 11, ITF(Interleaved 2 of 5), Discrete 2 of 5, Chinese 2 of 5, Matrix 2 of 5, Codebar(NW7), MSI, GS1 DataBar Omnidirectional, GS1 DataBar Limited, GS1 DataBar Expended	UPC-A,UPC-A Add-on, UPC-E Add-on, JAN/EAN-13, JAN/EAN-13 Add-on, JAN/EAN-8, JAN/EAN-8 Add-on, Code 128, Code 39, NW-7 (Codebar), Interleaved 2 of 5(ITF), GS1 DataBar Omnidirectional, GS1 DataBar Stacked Omnidirectional, GS1 DataBar Expanded Stacked, Composite CC-A/B, Composite CC-C, Postal Codes, PDF417, Micro PDF417, Aztec, Data Matrix, MaxiCode, QR Code, Micro QR
Key		Scan key / Function key / Reset key	
Physical	Dimension	(H)13.4 x (W)38 x (L)85mm	(H)15.9 x (W)38 x (L)90mm
	Weight	50g	67g
Electrical	Battrery Type	Li-ion 720mAh	
	Duration	15000 scan	5000 scan for 2D bar code scans
Communication	Bluetooth (range)	Ver. 2.1 + EDR Class 2 (10m)	
	Profile	SPP & HID	
	Software Supported	Windows, iOS(5.0 above), Android(4.0 above)	
	Host Interface Supported	Mini USB	
Environment	Radio Disturbance	VCCI B	
	Drop Test	2-meter ※1 drop, and 1-meter Tumble Drop 100-Cycle	
	Temperature — Storage	-25°C ~ 60°C	
	Temperature — Operation	-10°C ~ 50°C	
	Humidity	5% ~ 95%	
	Industrial Protection	IP 54	
	EMC Regulatory	BSMI / NCC / CE / FCC	CE / FCC
Cradle		n/a	Yes
Accessory		USB cable, Hand strap, User Guide	Cradle, Outlet cable, Hand strap, User Guide
Warranty		3 years	

※1 Free drop on concrete. 3 times per 6 surface at room temperature

ACCESSORIES

Hand strap   Outlet cable   Charging cradle

OPTIONAL

Power adapter