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Cyclops2f

Stylish Desktop 1D/2D and OCR Imager

Cyclops

1D/2D   RoHS   USB   Bluetooth

Key Features

- Support USB HUB connection

- Snappy CMOS sensor reads all 1D/2D barcodes and OCR fonts

- Elegant design fits all quality and stylish application sites

- Adjustable reading angles and heights fit various reading applications

Application Snapshots

Supports USB HUB Connection

Designed for countertop operations, Cyclops2f features USB HUB connection to adopt multiple inputs into the host terminal. Up to 3 extra USB inputs (for example: magnetic stripe reader, handheld barcode scanner, NFC card reader, PIN-pad, etc) can be consolidated by Cyclops2f then send to the host terminal. This can save precious I/O ports available on the host terminal and keep the terminal connections nicely organized.

Snappy CMOS sensor reads all 1D/2D barcodes and OCR fonts

Featured with high-performance CMOS 2D scan engine, the Cyclops2f also reads OCR fonts in the ever growing foreign tourist tax-refund operation demands in many countries. Omni-directional reading gives best ever conveniences on 1D/2D barcode readings. OCR reading provides helping hands to busy checkout counter clerks taking tourist passport information, instead of hand-writing on tedious forms, in a matter of blink.
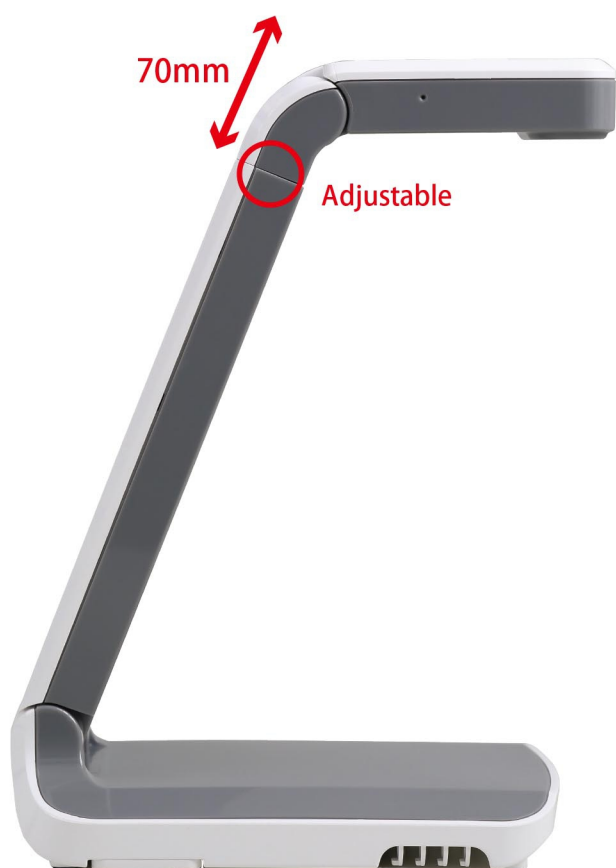
Elegant design fits all quality and stylish application sites

Cyclops2f delicately designed to give stylish and quality appearance. Instead of the impression of cold, tedious look most barcode scanners give in the market, Cyclops2f gives you a brand new impression on barcode scanners. Owners of stylish, quality stores now have a different choice for scanner to be used on your stylish counter.

Adjustable reading angles and heights fit various reading applications

Cyclops2f can be used in convenient stores, bakery, stationary outlet, grocery stores, 3C stores, etc. Facing various target objects to be scanned, Cyclops2f features adjustable reading angles and reading heights. To adopt different counter layout, Cyclops2f can be properly fixed for clerks to work with. Reading angles can be adjusted to catch barcodes in different location. Reading height can be adjusted to fit the size of different objects in different application scenarios.

70mm

Adjustable

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1 **USB Model**

USB HUB +
AC adapter 5V/4A

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2 **Bluetooth Model**

Bluetooth +
AC adapter 5V/1A

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Specifications

Performance

Scanner	Method	CMOS Imager 2D
	Resolution	4.0 mil (code 39)
		5.0 mil (PDF 417)
	Readable code	1D
		UPC-A, UPC-A Add-on, UPC-E, UPC-E Add-on, JAN/EAN-13, JAN/EAN-13 Add-on, JAN/EAN-8, JAN/EAN-8 Add-on, Code128, Code39, Code93, Code11, NW-7(CodaBar), Interleaved 2 of 5 (ITF), Discrete 2 of 5(DTF), MSI, Matrix 2 of 5, GS1 DataBar Omnidirectional, GS1 DataBar Truncated, GS1 DataBar Stacked, GS1 DataBar Stacked Omnidirectional, GS1 DataBar Limited, GS1 DataBar Expanded, GS1 DataBar Expanded Stacked.
		2D
		PDF417, MicroPDF417, Data Matrix、MaxiCode, QR Code, Micro QR, Aztec, Postal Codes, EAN/UCC Composite(CC-A/B/C,TLC39), GS1 DataBar Composite(CC-A/B/C,TLC39), Linked QR, GS1 DataBar Composite Reverse, GS1 DataBar Composite Upsidedown.
		OCR (Passport)
	Interface	USB 2.0 Full Speed
		CDC (Virtual COM) / HID
Input	Power Button	Momentary type push switch
USB Hub *2	Specification	USB 2.0 High Speed
	Up-Stream	USB mini-B receptacle 1 port
	Down-Stream	USB A receptacle 3 port
	Power Supply	Self-power
Led	Power	1 color (GREEN) x1
	Scan	1 color (Brighter GREEN) x1
	Bluetooth *1	1 color (Blue) x1
Audio	Buzzer	Volume:
		High：≧87.5dB
		Mid：≧83.5dB
		Low：≧76.0dB
CPU *1		STMicroelectronics STM32F103

Bluetooth *2	Standard	Over Bluetooth Ver2.1 + EDP
	Distance	10m (Class2)
	Profile	SPP
Power Source	Main Source	AC Adapter
	Connector	DC jack EIAJ #2

Environmental Performance

Opertation Condition	Temperature	-10℃~ 50℃
	Humidity	20% ~ 85%
Storage Condition	Temperature	-25℃~ 60℃
	Humidity	5% ~ 95%
Drop		1m drop on the concrete floor
IP		IP 02
Green		RoHS
EMC	ESD immunity test	Air ±15kV Contact ±8kV
Regulation		VCCI Class A
		PSE, CE, FCC
Shape	Scanner Part	W 50mm x D 90mm x H≦21mm
	Stand Arm	Height 180 ~ 250mm x W 50mm
	Basement	W 100mm x D 150mm x H≦18mm
Weight		431.4 g (with HUB)
		426.2 g (without HUB)
		426.7 g (BT)
Accessories		Power adapter (5V, 4A for hub version)
		mini USB cable (2m)
		Power cord
		Quick guide

*1 Only for Bluetooth Model.
*2 Only for USB mode

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