

EMPOWER PRODUCTIVITY



Corporate Social Responsibility

Between business and society, an inevitable link exists. Since 1988, Cino has comprehensively integrated CSR into her business operation. At Cino, we are committed to making contribution continuously to create a rewarding work environment, minimizing environmental impact and engaging global sustainable development.



Empower Productivity

Established in 1988, Cino has dedicated to the Automatic Identification & Data Collection (AIDC) and Information Technology for more than twenty five years. Our mission is to provide innovative and high quality solutions that empower business for reaching maximum productivity and unparalleled efficiency. Driven by innovation and a commitment to quality, Cino has built its reputation by offering many cutting-edge and world-class products to a variety of industries and applications.

Integrity and Commitment

Integrity and commitment are Cino's most important core values. We tell the truth and believe that the record of our accomplishments is the best proof of our merit. Cino is committed to all employees, customers, shareholders, investors, communities, suppliers, the government and other stakeholders. Once we make a commitment, we devote ourselves completely to fulfilling what we committed.

Customer Trust

At Cino, customers come first. Their success is our success, and we value their ability to compete as we value our own. We strive to build deep and enduring relationships with our customers, who trust and rely on us to be part of their success over the long term.

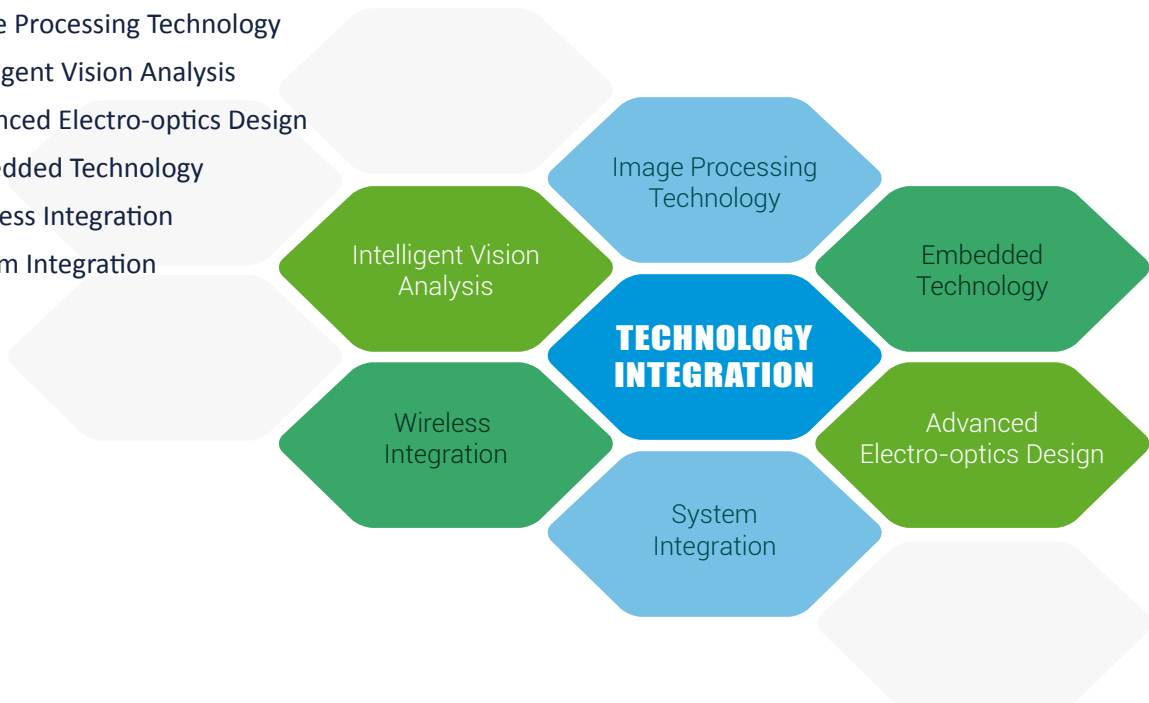
A Reliable Partner Empowering your Productivity

Choose Cino, own sharp edges

Our Core Competencies

As a leading company in AIDC and IT industry, Cino has been investing huge resources on research and development. By having insight into the market demands and technological evolution, Cino harnesses her competency to pursue “state-of-the-art” innovation and develop cross-field technologies continuously. Relying on those industry-leading expertise and comprehensive core technologies, Cino’s products are not only designed with world-class quality, but also engineered to be versatile that can be used in a variety of industries and applications. Moreover, "Technology Integration" is one of our most important strengths. So we are capable of integrating various technologies into our product cost-effectively to fulfill diverse market demand. These core competencies place Cino in an advantageous position among other peers.

- ▶ Image Processing Technology
- ▶ Intelligent Vision Analysis
- ▶ Advanced Electro-optics Design
- ▶ Embedded Technology
- ▶ Wireless Integration
- ▶ System Integration



Not only marvelous products,
but also comprehensive and unparalleled supports

Comprehensive Service and Support

Cino believes that providing superior customer service is critical to enhance customer satisfaction and loyalty, which is the path to retain existing customers, attract new customers, and strengthen customer relationships. Good-quality customer support represents a significant competitive advantage. Our mission is not only the achievement of business goals, but also the provision of first-class customer service. In addition to the state-of-the-art products, we also offer our customers a comprehensive range of support and service from pre-sales to after service, including product consultation, solution implementation, training and maintenance.



Our skillful and well-trained research & development team, product management team and business development team have professional product knowledge along with extensive experience, this allows the most efficient and responsive advices to be recommended to customers quickly. Customers can be rest assured that their business needs will be fulfilled with the best solutions. This results in a maximum uptime, a lower total cost of ownership and a faster return on your investment.

What We Offer.....

One-stop solution for
barcode scanning and mobility products

Cino Product Portfolio

To fulfill all demands of barcode scanning and data collection, Cino offers a full range of innovative and comprehensive products, including barcode scanning, cordless scanning, fixed and OEM scanning, healthcare solutions and mobility solutions. All products are specially designed to fulfill diverse barcode scanning requirements from retail, logistics, transportation, manufacturing, healthcare, government to hospitality. With Cino's products on hand, you can empower your business for the maximum productivity and efficiency with ease.

- ▶ Barcode Scanning Solutions
- ▶ Cordless Scanning Solutions
- ▶ Fixed & OEM Solutions
- ▶ Mobility Solutions
- ▶ Healthcare Solutions





Innovation • Commitment • Integrity

Quality for Customer Satisfaction

Cino is committed to the goals of achieving total customer satisfaction by delivering high quality products and responsive customer service. To fulfill the promised commitment, comprehensive quality system has been implemented to entire company operation. More than the visible quality that can be qualified and quantified, Cino's ultimate goal is to satisfy customers beyond their expectation.

Cino's quality guidance is constructed through core processes by following the criteria of total quality management, environmental protection, and green procurement.

- Quality Starts with Design
- Total Quality Concerns
- Consistent Quality Standard, No Exceptions
- Continuous Product Improvement
- Customer Satisfaction



Green Cino

To create a sustainable future, Cino always engages her commitment in environment protection by adopting green policy since her establishment. Cino is ISO9001 and ISO14000 certified, more than that, Cino is the first QC080000 certified AIDC company in Taiwan. All operations and processes of Cino fully comply with the requirements of ISO and green procurement policy.

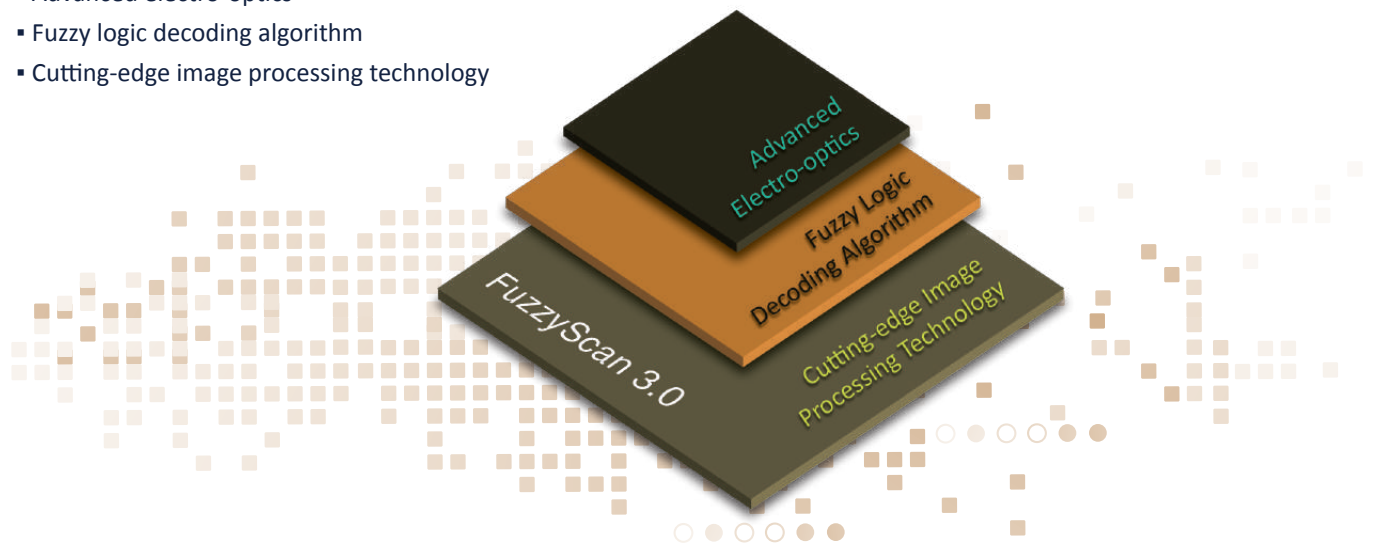
FuzzyScan 3.0

Innovation from Cino, evolution for your business

FuzzyScan Imaging Technology 3.0

The philosophy behind FuzzyScan Imaging Technology is a commitment to delivering an optimized combination of high performance and diverse versatility, providing customers an extraordinary cost-performance value. FuzzyScan 3.0 is the third generation imaging technology of Cino which is the result of many years' research and development on various real world needs and usability. It consists of three major core technologies, including:

- Advanced electro-optics
- Fuzzy logic decoding algorithm
- Cutting-edge image processing technology



When those three technology building blocks are integrated tightly, the FuzzyScan Imaging Technology 3.0 delivers compelling reading performance and diverse multi-functional data collection capabilities. You will be confident with all Cino FuzzyScan barcode scanners no matter what barcode-reading conditions they are.

High performance delivers superior ROI

Powered by FuzzyScan Imaging Technology 3.0, all Cino FuzzyScan barcode scanners are able to deliver following advantages:

- Snappy reading and superior motion tolerance
- Outstanding reading performance on "depth of field" and "reading width"
- Superior reading capability on low contrast bar codes
- Excellent readability on damaged, poorly-printed and smudged bar codes
- Capable of reading bar codes stuck on curved surface and printed on reflective materials



The FuzzyScan 3.0 is the most optimum answer for a broad range of real world applications, even under the most challenging and demanding environments. Armed with FuzzyScan Imaging Technology 3.0, Cino barcode scanning solutions are capable of fulfilling the needs of today as well as tomorrow.

FUZZYSCAN 3.0



Barcode Scanning

A complete range of barcode scanners for retail, manufacturing and industrial applications

Durable 2D Area Imaging Scanner

Powered by innovative FuzzyScan Imaging Technology 3.0, Cino 2D area imaging scanner provides outstanding performance on reading most popular 1D, stacked and 2D bar codes. It is not only able to read poorly-printed, distorted and damaged bar codes, but also supports omni-directional scanning and wide working range. Cino 2D area imaging scanner offers exceptional value to boost your maximum productivity.

For Industrial, Manufacturing and General Purpose

2D Area Imaging Scanner

A780 SR A780 HD A780 ER



For Commercial and Retail

2D Area Imaging Scanner

A680 SR A680 HD
A660 A560





INDUSTRIAL



WAREHOUSING



RETAIL



LOGISTICS



DISTRIBUTION



HEALTHCARE



POINT OF SALES



MANUFACTURE

Linear and Laser Imaging Scanner

Thanks to the FuzzyScan Imaging Technology 3.0, all Cino linear and laser imaging scanners provide intuitive scanning of the bar codes found in real-world environments, driving increased accuracy for end users. No matter what type of handheld scanner you need, you'll find it from FuzzyScan portfolio, regardless of the industry you are in.

For Industrial, Manufacturing and General Purpose

Linear Imaging Scanner

F790

F780

Laser Imaging Scanner

L780



For Commercial and Retail

Linear Imaging Scanner

F680

F560

Laser Imaging Scanner

L680



Superior Migration of Laser Scanner

Combined the benefit of linear imaging technology and useful laser aiming, Cino's innovative **Laser Imaging Scanner** is an optimal and more reliable alternative of traditional laser scanner.

Reinventing Your Scanning Experience

Scan any barcode you want
no matter it's on any medium in any condition

Superb Reading Performance and Readability

Thanks to the exceptional imaging technology, Cino barcode scanner delivers outstanding scanning performance and superior adaption to read most real-world bar codes, such as low contrast, damaged, smudged, distorted and poorly printed bar codes. Besides, it is capable of capturing bar codes accurately in a flash, no matter the bar codes are printed on paper, plastic card or displayed on the screen of mobile phone. More than this, its superior motion tolerance design and high speed scanning are able to perform snappy bar code capture on the move.

Omni-directional Scanning

The 2D area imaging scanner supports omni-directional scanning of both 1D and 2D bar codes. Users can read barcode in any orientation without aligning the bar code or pause between scans. This point-and-shoot capability improves the first-time read rate while resulting in a faster throughput and less operator fatigue.



DataWizard Premium

DataWizard Premium is a unique feature of Cino FuzzyScan barcode scanners, being developed to respond the sophisticated data formatting needs and security concern. It not only provides advanced data formatting capability for you to edit and verify data with flexibility, but also allows you to select LED indication and beep corresponding to your desired user feedback. Moreover, the embedded **Security Mechanism** offers a simple way for your host application to work with the preset FuzzyScan scanner to protect your business investment without additional cost.

Perfect fusion of performance and functionality

Durable and Ergonomic

To meet diverse requirements, each Cino barcode scanner is constructed in different shapes with corresponding cost performance consideration. Designed with ergonomics and durability in mind, all Cino barcode scanners deliver the maximum comfort and exceptional durability to meet any specific enterprise needs.



Rich User Feedback






All Cino barcode scanners provide both visual and audio indication for various user feedbacks. Besides the adjustable beeper and diverse LED indicators, the optional **Vibrator** is also able to signal a successful scan or warning. This option is ideal for the working environments which are noisy or beep sound is undesirable, such as factory, hospital, library and more.



Flexible Handheld and Hands-free Operation

Besides handheld operation, different hands-free modes are available to fulfill various requirements. Moreover, the optional **Hand-free Stand** enables automatic switching between handheld scanning and presentation scanning, maximizing user's comfort and productivity.







Feature Comparisons



	A780-SR	A780-HD	A780-ER	A680-SR	A680-HD
2D Imaging Scanner					
Form Factor	Pistol Shape	Pistol Shape	Pistol Shape	Pistol Shape	Pistol Shape
Technology	2D Area Imaging	2D Area Imaging	2D Area Imaging	2D Area Imaging	2D Area Imaging
Print Contrast (MRD)	18%	18%	18%	18%	18%
Min. Resolution	2.7 mil Code 39 4.8 mil Datamatrix	2.4 mil Code 39 4.5 mil Datamatrix	3.5 mil Code 39 7 mil Datamatrix	2.7 mil Code 39 4.8 mil Datamatrix	2.4 mil Code 39 4.5 mil Datamatrix
Reading Range (Unit: Inch)	13 mil (0.33mm) EAN up to 19.6"	13 mil (0.33mm) EAN up to 14.1"	13 mil (0.33mm) EAN up to 26"	13 mil (0.33mm) EAN up to 19"	13 mil (0.33mm) EAN up to 13.6"
Symbologies Supported	1D, Stacked, 2D	1D, Stacked, 2D	1D, Stacked, 2D	1D, Stacked, 2D	1D, Stacked, 2D
IP Sealing Drop Resistance	IP42 6.6 Feet (2.0m)	IP42 6.0 Feet (1.8m)	IP42 6.0 Feet (1.8m)	IP42 6.0 Feet (1.8m)	IP42 6.0 Feet (1.8m)
Color Option	■	■	■	■	■

	A660	A560
2D Imaging Scanner		
Form Factor	Pistol Shape	Shaver Shape
Technology	2D Area Imaging	2D Area Imaging
Print Contrast (MRD)	20%	20%
Min. Resolution	3 mil Code 39 5 mil Datamatrix	3 mil Code 39 5 mil Datamatrix
Reading Range (Unit: Inch)	13 mil (0.33mm) EAN up to 15.6"	13 mil (0.33mm) EAN up to 13.9"
Symbologies Supported	1D, Stacked, 2D	1D, Stacked, 2D
IP Sealing Drop Resistance	IP42 6.0 Feet (1.8m)	IP41 5.2 Feet (1.6m)
Color Option	■ ■	■ ■

Selection Guide

	F790	F780	F680	F560
Linear Imaging Scanner				
Form Factor	Pistol Shape	Pistol Shape	Pistol Shape	Shaver Shape
Technology	Linear Imaging	Linear Imaging	Linear Imaging	Linear Imaging
Print Contrast (MRD)	10%	15%	15%	20%
Min. Resolution	3 mil Code 39	3 mil Code 39	3 mil Code 39	3 mil Code 39
Reading Range (Unit: Inch)	13 mil UPC-A : 0-24" 20 mil Code 39: 0-34"	13 mil UPC-A : 0-24" 20 mil Code 39: 0-34"	13 mil UPC-A : 0-24" 20 mil Code 39: 0-34"	13 mil UPC-A : 0-13" 20 mil Code 39: 0-18"
Symbologies Supported	1D, Stacked	1D, Stacked	1D, Stacked	1D, Stacked
IP Sealing Drop Resistance	IP42 6.6 Feet (2.0m)	IP42 6.6 Feet (2.0m)	IP42 6.0 Feet (1.8m)	IP41 5.2 Feet (1.6m)
Color Option	■	■ ■	■ ■	■ ■

■ Classic Black ■ Light Gray

	L780	L680
Laser Imaging Scanner		
Form Factor	Pistol Shape	Pistol Shape
Technology	Laser Imaging	Laser Imaging
Print Contrast (MRD)	20%	20%
Min. Resolution	3 mil Code 39	3 mil Code 39
Reading Range (Unit: Inch)	13 mil UPC-A : 0-24" 20 mil Code 39: 0-34"	13 mil UPC-A : 0-24" 20 mil Code 39: 0-34"
Symbologies Supported	1D, Stacked	1D, Stacked
IP Sealing Drop Resistance	IP42 6.6 Feet (2.0m)	IP42 6.0 Feet (1.8m)
Color Option	■ ■	■ ■

Feature Comparisons

	A780-HD	A780-SR	A780-ER	A680-HD	A680-SR	A660	A560
Applications							
General Purpose	●	●	●	●	●	●	●
Commercial & Retail	●	●	●	●	●	●	●
Industrial & Manufacturing	●	●	●				
Healthcare and Hygiene-sensitive *1	●	●	●				
Technology							
Linear Imaging							
Laser Imaging							
2D Area Imaging	●	●	●	●	●	●	●
Symbolologies Supported							
1D	●	●	●	●	●	●	●
Stacked *2	●	●	●	●	●	●	●
2D	●	●	●	●	●	●	●
Drop Resistance							
5.2 Feet (1.6m)							
6.0 Feet (1.8m)				●	●	●	●
6.6 Feet (2.0m)	●	●	●				
Options							
Optional Vibrator	●	●	●	●	●	●	●
Standard RS232, 5VDC Inlet	●	●	●	●	●	●	●
Standard RS232, 5V-14VDC Inlet	●	●	●	●	●	●	●

Selection Guide

	F790	F780	F680	F560	L780	L680
Applications						
General Purpose	●	●	●	●	●	●
Commercial & Retail	●	●	●	●	●	●
Industrial & Manufacturing	●	●			●	
Healthcare and Hygiene-sensitive *1		●			●	
Technology						
Linear Imaging	●	●	●	●		
Laser Imaging					●	●
2D Area Imaging						
Symbologies Supported						
1D	●	●	●	●	●	●
Stacked *2	●	●	●	●	●	●
2D						
Drop Resistance						
5.2 Feet (1.6m)				●		
6.0 Feet (1.8m)			●			●
6.6 Feet (2.0m)	●	●			●	
Options						
Optional Vibrator	●	●	●	●	●	●
Standard RS232, 5VDC Inlet	●	●	●	●	●	●
Standard RS232, 5V-14VDC Inlet	●	●	●	●	●	●

*1 Please refer to "Healthcare Solution" for more details.

*2 Stacked barcodes include PDF417, Micro PDF417, Codablock F and Composit Codes.

Cordless Scanning

A full range of Bluetooth scanners to fulfill diverse enterprise cordless scanning demands

Durable Barcode Scanner for Scan-intensive Applications

Powered by the latest Bluetooth wireless technology, Cino cordless barcode scanner delivers ultimate wireless connectivity and superior reading performance. Built for all day and everyday use, it offers cordless freedom with better encryption for improved security and superior overall wireless performance. Come with ergonomic form factor, robust design, complete cradle solution and versatile features, it raises the bar on the exceptional cost-performance for any application required intensive barcode scanning .

For Industrial, Manufacturing and General Purpose

2D Area Imaging Cordless Scanner

A780BT

HD

A780BT

SR

A780BT

ER

Linear & Laser Imaging Cordless Scanner

F780BT

L780BT



For Commercial and Retail

2D Area Imaging Cordless Scanner

A680BT

HD

A680BT

SR

A660BT

Linear & Laser Imaging Cordless Scanner

F680BT

L680BT





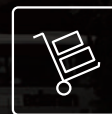
INDUSTRIAL



WAREHOUSING



RETAIL



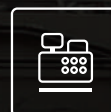
LOGISTICS



DISTRIBUTION



HEALTHCARE



POINT OF SALES



MANUFACTURE

Rugged Pocket Scanner for Enterprise Applications

Integrated with the latest Bluetooth wireless technology, Cino pocket scanner comes with rugged design, ultimate portability and flexible wireless connectivity. It can work with most popular Bluetooth-enabled hosts, including iOS and Android mobile devices. Thanks to the compact design, it can be carried to everywhere you go by putting it into your pocket or wearing it around your neck. Cino pocket scanner is the most ideal companion for enterprise mobile workers.

2D Area Imaging Pocket Scanner

PA680BT HD

PA680BT SR

PA670BT HD

PA670BT SR

Linear and Laser Imaging Pocket Scanner

PF680BT

PL680BT



6.6 Feet Drop Resistance



IP65 Sealing

Exceptional Mobility on the Go

Changing the way you work
with more agility, flexibility and productivity

The Latest Bluetooth Wireless Technology

All Cino cordless scanners integrate with the latest Bluetooth wireless technology which comes with more enhancements, such as faster pairing speed, lower power consumption, higher transfer reliability, and less wireless interference.

Instant Cordless Migration

If the Bluetooth function is not available in your host equipments, Cino cordless scanner can work with smart cradle as a "**Plug-and-Play**" solution without additional cost of cordless migration. Especially, both peer-to-peer (PAIR) mode and multiple-connection (PICO) mode can be performed as well. And the PICO mode allows one smart cradle to connect up to 7 scanners simultaneously, you can enable ID transmission to identify the source of transmitted data easily.

Flexible Connectivity

To meet diverse requirements of wireless connectivity, Cino cordless scanner provides multiple radio link modes to communicate with most popular host equipments and mobile devices, including peer-to-peer (PAIR) mode, multiple-connection (PICO) mode, HID mode, master and slave SPP modes.

Work with iOS and Android Devices

All Cino cordless scanners can work with most popular remote Bluetooth hosts and mobile devices via HID mode or SPP mode, including the mainstream Android devices and iOS devices. Moreover, the newly-designed **HID Mode** allows you to pair the scanner with those mobile devices easily and quickly without the passkey.



Where reliability meets functionality

Ergonomic and Robust

With “Ergonomics” and “Durability” in mind, all Cino cordless scanners are designed to perfectly meet ergonomic concern with robust construction. Thanks to this implementation, it makes user comfortable even working for scan-intensive applications in harsh environments.

Reliable On-line Scanning

Cino cordless scanner creates a leap in efficiency by enabling extremely reliable on-line scanning at the point of activity. Thanks to the "**Out-of-range Scanning**" feature, it allows you keep scanning barcode even when the scanner loses the radio connection.

Useful Batch Scanning

Besides on-line operation, the batch scanning function allows the scanner to store over 100,000 EAN-13 barcode data. And the scanned data can be transmitted together with quantity and time-stamp information as well. It is a low cost solution for inventory control and simple data collection.



















Complete Cradle Solution

Both **Smart Cradle** and **Charging Cradle** are available for all Cino cordless scanners. The smart cradle presents an instant cordless migration and the charging cradle provides a reliable battery charging. Especially, there is no additional cost for customer obtaining a **Multi-slot Cradle Solution** by using Cino pocket scanner.










Feature Comparisons

	A780BT-HD	A780BT-SR	A780BT-ER	A680BT-HD	A680BT-SR
2D Area Imaging Scanner					
Form Factor	Pistol Shape	Pistol Shape	Pistol Shape	Pistol Shape	Pistol Shape
Technology	2D Area Imaging	2D Area Imaging	2D Area Imaging	2D Area Imaging	2D Area Imaging
Print Contrast (MRD)	18%	18%	18%	18%	18%
Min. Resolution	2.4 mil Code 39 4.5 mil Datamatrix	2.7 mil Code 39 4.8 mil Datamatrix	3.5 mil Code 39 7 mil Datamatrix	3 mil Code 39 5 mil DataMatrix	3 mil Code 39 5 mil DataMatrix
Reading Range (Unit: Inch)	13 mil (0.33mm) EAN up to 14.1"	13 mil (0.33mm) EAN up to 19.6"	13 mil (0.33mm) EAN up to 26"	13 mil (0.33mm) EAN up to 13.6"	13 mil (0.33mm) EAN up to 19"
Symbologies Supported	1D, Stacked, 2D	1D, Stacked, 2D	1D, Stacked, 2D	1D, Stacked, 2D	1D, Stacked, 2D
IP Sealing Drop Resistance	IP42 6.0 Feet (1.8m)	IP42 6.6 Feet (2.0m)	IP42 6.6 Feet (2.0m)	IP42 6.0 Feet (1.8m)	IP42 6.0 Feet (1.8m)
Color Option					

	A660BT	PA670BT-HD	PA670BT-SR
2D Area Imaging Scanner			
Form Factor	Pistol Shape	Pocket Shape	Pocket Shape
Technology	2D Area Imaging	2D Area Imaging	2D Area Imaging
Print Contrast (MRD)	20%	20%	20%
Min. Resolution	3.3 mil Code 39 5 mil Datamatrix	3 mil Code39 5 mil Datamatrix	4 mil Code39 7 mil Datamatrix
Reading Range (Unit: Inch)	13 mil (0.33mm) EAN up to 15.6"	3 mil C39: 1.1"-3.1" 5 mil DM: 1.3"-3.5"	5 mil C39: 1.5"-5.9" 10 mil DM: 1.1"-6.1"
Symbologies Supported	1D, Stacked, 2D	1D, Stacked, 2D	1D, Stacked, 2D
IP Sealing Drop Resistance	IP42 6.0 Feet (1.8m)	IP65 6.6 Feet (2.0m)	IP65 6.6 Feet (2.0m)
Color Option			

Selection Guide

	F790BT	F780BT	F680BT	L780BT	L680BT
Linear & Laser Imaging Scanner					
Form Factor	Pistol Shape	Pistol Shape	Pistol Shape	Pistol Shape	Pistol Shape
Technology	Linear Imaging	Linear Imaging	Linear Imaging	Laser Imaging	Laser Imaging
Print Contrast (MRD)	10%	15%	15%	20%	20%
Min. Resolution	3 mil Code 39	3 mil Code 39	3 mil Code 39	3 mil Code 39	3 mil Code 39
Reading Range (Unit: Inch)	13 mil UPC-A : 0-24" 20 mil Code39: 0-34"	13 mil UPC-A : 0-24" 20 mil Code39: 0-34"	13 mil UPC-A : 0-24" 20 mil Code39: 0-34"	13 mil UPC-A : 0-24" 20 mil Code39: 0-34"	13 mil UPC-A : 0-24" 20 mil Code39: 0-34"
Symbologies Supported	1D, Stacked	1D, Stacked	1D, Stacked	1D, Stacked	1D, Stacked
IP Sealing Drop Resistance	IP42 6.6 Feet (2.0m)	IP42 6.6 Feet (2.0m)	IP42 6.0 Feet (1.8m)	IP42 6.6 Feet (2.0m)	IP42 6.0 Feet (1.8m)
Color Option	■	■ ■	■ ■	■ ■	■ ■

	PF680BT	PL680BT
Linear & Laser Imaging Scanner		
Form Factor	Pocket Shape	Pocket Shape
Technology	Linear Imaging	Laser Imaging
Print Contrast (MRD)	15%	20%
Min. Resolution	3 mil Code39	3 mil Code39
Reading Range (Unit: Inch)	13 mil UPC-A : 0-24" 20 mil Code39: 0-34"	13 mil UPC-A : 0-24" 20 mil Code39: 0-34"
Symbologies Supported	1D, Stacked	1D, Stacked
IP Sealing Drop Resistance	IP65 6.6 Feet (2.0m)	IP65 6.6 Feet (2.0m)
Color Option	■ ■	■ ■

Pistol : ■ Classic Black ■ Light Gray
 Pocket : ■ Amber Black ■ Ivory White

Selection Guide

	F790BT	F780BT	F680BT	L780BT	L680BT	PF680BT	PL680BT
Applications							
General Purpose	●	●	●	●	●	●	●
Commercial & Retail	●	●	●	●	●	●	●
Industrial & Manufacturing	●	●		●		●	●
Healthcare and Hygiene-sensitive *1		●		●		●	●
Technology							
Linear Imaging	●	●	●			●	
Laser Imaging				●	●		●
2D Area Imaging							
Symbologies Supported							
1D	●	●	●	●	●	●	●
Stacked *2	●	●	●	●	●	●	●
2D							
IP Sealing							
IP41	●	●	●	●	●		
IP65						●	●
Drop Resistance							
6.0 Feet (1.8m)			●		●		
6.6 Feet (2.0m)	●	●		●		●	●
Option							
Optional Vibrator	●	●	●	●	●	●	●

*1 Please refer to "Healthcare Solution" for more details.

*2 Stacked barcodes include PDF417, Micro PDF417, Codablock F and Composit Codes.

Fixed & OEM Solutions

The most optimal solution
for embedded barcode scanning applications

OEM Scan Module

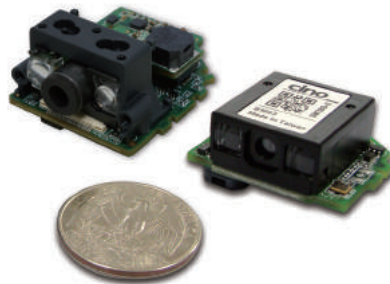
Cino OEM barcode scan module is a **“Ready-to-use”** solution designed with easy integration in mind, it features all characteristics of Cino fixed mount scanner but in a small and compact construction. The miniature and ease-of-integration design enable system designers to integrate it into various equipments with ease. Both linear imaging model and 2D area imaging model are available for choice to meet diverse requirements, also providing a superior cost-performance solution to lower the total cost of ownership.

2D Area Imaging OEM Scan Module

SM5800 HD SM5800 SR SM5600

Linear & Laser Imaging OEM Scan Module

SM380



OEM Scan Engine

Built with miniature design for easy integration, outstanding reading performance but affordable price, Cino OEM barcode scan engine is ideal for a variety of embedded applications which need an affordable, high-performance 1D linear imaging solution for a wide range of products in a wide range of industries.

Linear & Laser Imaging OEM Scan Engine

SE380 SE480



A full line of fixed mount barcode scanners for diverse industrial and general purpose applications

Durable Fixed Mount Scanner

Thanks to the IP54 sealing ultra-compact over-molded design, Cino fixed mount scanner not only provides industry-leading reading performance and reliability, but also can be fitted in many space-constrained areas. Both **Front-view** or **Side-view** models are available for choice on all Cino FuzzyScan fixed mount scanners. Moreover, customer can select desired model equipped with corresponding **Universal**, **Standard RS232** or **USB** interfaces to fulfill diverse demands, no matter they are embedded applications or stand-alone applications.

2D Area Imaging Fixed Mount Scanner

FA480 HD FA460

FA480 SR

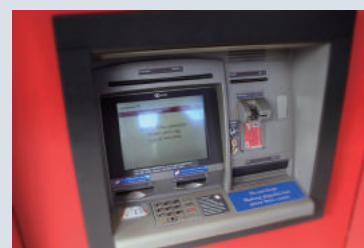
FA470 HD

FA470 SR



Linear Imaging Fixed Mount Scanner

FM480



Applications

- Price Checker
- Blood Analyzer
- lottery Machine
- Gaming Machine
- Information Kiosk
- Medical Laboratory
- Work in Process
- Access Control System
- Auto Vending Machine
- Parking Ticket Machine
- Manufacturing Execution System

Be Impressed with Distinction

Extraordinary reading performance makes your code reading never so reliable and easy

Superb Reading Performance and Readability

Thanks to the exceptional imaging technology, Cino fixed mount scanner and OEM scanning solutions deliver outstanding scanning performance and superior adaption to read most real-world bar codes, such as low contrast, damaged, smudged, distorted and poorly printed bar codes. Besides, it is capable of capturing bar codes accurately in a flash, no matter the bar codes are printed on paper, plastic card or displayed on the screen of mobile phone. More than this, its superior motion tolerance design and high speed scanning are able to perform snappy bar code capture on the move.



DataWizard Premium

DataWizard Premium is a unique feature of Cino FuzzyScan barcode scanners, being developed to respond the sophisticated data formatting needs and security concern. It not only provides advanced data formatting capability for you to edit and verify data with flexibility, but also allows you to select LED indication and beep corresponding to your desired user feedback. Moreover, the embedded **Security Mechanism** offers a simple way for your host application to work with the preset FuzzyScan scanner to protect your business investment without additional cost.

High flexibility and great versatility
to fit various demands

Omni-directional Scanning

Both 2D fixed mount scanner and 2D OEM scan module support omni-directional scanning of both 1D and 2D bar codes. User can read barcode in any orientation without aligning the bar code or pause between scans. This point-and-shoot capability improves the first-time read rate while resulting in a faster throughput and less operator fatigue.

Multiple Host Interfaces

Both Cino fixed mount scanner and OEM scanning solutions have built-in multiple host interfaces for flexible connectivity. User is able to choose industry standard RS232 interface or popular USB interface to link with a variety of host equipments.

Various Operation Modes

To fulfill diverse scanning demands, several useful operation modes are available for all Cino fixed mount scanners and OEM scanning solutions, including trigger, alternative, level, presentation and force modes. User can select most suitable operation mode to meet any specific requirement with ease.



Compact and Easy Mounting Design

Dimension of a product plays a very important role in system integration and embedded application. Thanks to the ultra-compact and easy-mounting design, there's no worry to integrate Cino fixed mount scanner or OEM scanning solutions into any space-limited host equipment or application system.

Feature Comparisons

	FA480-HD	FA480-SR	FA470-HD	FA470-SR	FA460	FM480
Fixed Mount Scanner						
Technology	2D Area Imaging	2D Area Imaging	2D Area Imaging	2D Area Imaging	2D Area Imaging	Linear Imaging
Print Contrast (MRD)	18%	18%	20%	20%	20%	15%
Min. Resolution	2.4 mil Code 39 4.5 mil Datamatrix	2.7 mil Code 39 4.8 mil Datamatrix	2.7 mil Code 39 5 mil Datamatrix	3.3 mil Code 39 7 mil Datamatrix	3 mil Code 39 5 mil Datamatrix	3 mil Code 39
Reading Range (Unit: Inch)	13 mil UPC: Up to 14.1"	13 mil UPC: Up to 19.6"	13 mil UPC: Up to 8.7"	13 mil UPC: Up to 15.7"	13 mil UPC: Up to 15.6"	13 mil UPC: Up to 24"
Dimensions-mm	47.6 x 40.6 x 25.6	47.6 x 40.6 x 25.6	47.6 x 40.6 x 25.6	47.6 x 40.6 x 25.6	47.6 x 40.6 x 25.6	47.6 x 40.6 x 23.1
Symbologies Supported	1D, Stacked, 2D	1D, Stacked, 2D	1D, Stacked, 2D	1D, Stacked, 2D	1D, Stacked, 2D	1D
IP Sealing Drop Resistance	IP54 5.0 Feet (1.5m)	IP54 5.0 Feet (1.5m)	IP54 5.0 Feet (1.5m)	IP54 5.0 Feet (1.5m)	IP54 5.0 Feet (1.5m)	IP54 5.0 Feet (1.5m)
Host Interfaces*1	Standard RS232, USB, Universal (RS232, USB)	Standard RS232, USB, Universal (RS232, USB)	Standard RS232, USB, Universal (RS232, USB)	Standard RS232, USB, Universal (RS232, USB)	Standard RS232, USB, Universal (RS232, USB)	Standard RS232, USB, Universal (RS232, USB)
	SM5800-HD	SM5800-SR	SM5600	SM380	SE380	SE480
OEM Product						
Technology	2D Area Imaging	2D Area Imaging	2D Area Imaging	Linear Imaging	Linear Imaging	Laser Imaging
Print Contrast (MRD)	18%	18%	20%	15%	15%	20%
Min. Resolution	2.4 mil Code 39 4.5 mil Datamatrix	2.7 mil Code 39 4.8 mil Datamatrix	3 mil Code 39 5 mil Datamatrix	3 mil Code 39	3 mil Code 39	3 mil Code 39
Reading Range (Unit: Inch)	13 mil UPC: Up to 14.1"	13 mil UPC: Up to 19.6"	13 mil UPC: Up to 15.6"	13 mil UPC: Up to 24"	13 mil UPC: Up to 24"	13 mil UPC: Up to 24"
Dimensions-mm	38.0 x 33.6 x 18.8	38.0 x 33.6 x 18.8	38.0 x 33.6 x 18.8	33.6 x 30.2 x 15.5	21.0 x 23.0 x 11.9	21.0 x 23.0 x 11.9
Symbologies Supported	1D, Stacked, 2D	1D, Stacked, 2D	1D, Stacked, 2D	1D	1D	1D
User Interfaces	Beeper, LED Indication	Beeper, LED Indication	Beeper, LED Indication	Beeper, LED Indication	-	-
Host Interfaces	Universal (RS232, USB)	Universal (RS232, USB)	Universal (RS232, USB)	Universal (RS232, USB)	TTL RS232 or USB	TTL RS232 or USB

Selection Guide

	FA480-HD	FA480-SR	FA470-HD	FA470-SR	FA460	FM480	SM5800-HD	SM5800-SR	SM5600	SM380	SE380	SE480
Applications												
Stand Alone	●	●	●	●	●	●						
Embedded	●	●	●	●	●	●	●	●	●	●	●	●
Technology												
Linear Imaging						●				●	●	
Laser Imaging												●
2D Area Imaging	●	●	●	●	●		●	●	●			
Symbologies Supported												
1D	●	●	●	●	●	●	●	●	●	●	●	●
Stacked	●	●	●	●	●	●	●	●	●	●	●	●
2D	●	●	●	●	●		●	●	●			
User Interfaces												
Beeper	●	●	●	●	●	●	●	●	●	●		
LED Indications	●	●	●	●	●	●	●	●	●	●		
OK / NG output	●	●	●	●	●	●	●	●	●	●		
Host Interface *1												
Universal	●	●	●	●	●	●	●	●	●	●		
Standard RS232	●	●	●	●	●	●						
USB	●	●	●	●	●	●					●	●
TTL RS232											●	●

*1 Universal, Standard RS232 and USB interfaces are available for different models of Fixed Mount Scanners.

Healthcare Solutions

A complete barcode scanning solution for healthcare and hygiene-sensitive applications

Durable Healthcare Barcode Scanners

Designed specifically for hospitals and healthcare providers, all Cino healthcare barcode scanners come with ergonomic, antimicrobial and disinfectant-ready enclosure. It not only provides outstanding reading performance to streamline workflows, but also prevents medical errors, improves patient safety and increases caregiver productivity.

Cordless Scanning Solution

2D Area Imaging Healthcare Cordless Scanner

A780BT HD HC A780BT SR HC

Linear & Laser Imaging Healthcare Cordless Scanner

F780BT HC L780BT HC



Barcode Scanning Solution

2D Area Imaging Healthcare Scanner

A780 HD HC A780 SR HC

Linear & Laser Imaging Healthcare Scanner

F780 HC L780 HC





FOOD INDUSTRY



LABORATORY



HEALTHCARE



COSMETICS

Healthcare Bluetooth Pocket Scanner

Cino healthcare pocket scanner is equipped with a rugged **IP65** antimicrobial and disinfectant-ready housing. Small enough to be carried at all times, it can be tucked in a pocket or worn on a lanyard. It can easily connect to the remote Bluetooth-enabled hosts, such as in-room computers, workstations-on-wheels, tablets and more. Powered by the FuzzyScan Imaging Technology 3.0 with outstanding scanning performance, healthcare workers can instantly capture virtually any bar code, in any condition.



2D Area Imaging Healthcare Pocket Scanner

PA670BT HD HC PA670BT SR HC

Linear & Laser Imaging Healthcare Pocket Scanner

PF680BT HC PL680BT HC



Making Connected Health a Reality

Protect health and ensure safety
with professional and considerate healthcare solutions

Disinfectant-ready Enclosure with Antimicrobial Additives

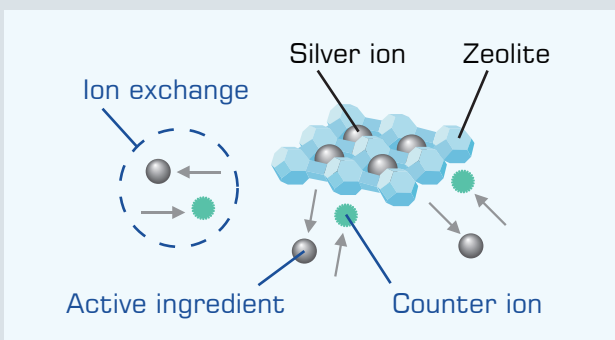
Incorporated with silver inorganic antimicrobial agent, the efficacy of antimicrobial will be last for lifetime without wear-off. The antimicrobial treatment minimizes the presence of microbes by interrupting the lifecycle and stopping the reproduction of bacteria.

Withstand Repeated Cleaning

Unlike other devices claim antimicrobial protection, they are just coated with protective film and will be worn off with repeated wipes. The disinfectant-ready enclosure of Cino healthcare barcode scanner is allowed to be cleaned or wiped-down with commonly-used cleaning solutions without harming the housing or the sensitive scanning components inside.

JIS Z2801:2000 Standard Complied

These silver inorganic additives have been proven to inhibit microbial growth on the scanner's surface when it's tested against standards JIS Z2801:2000. This standard is internationally recognized by the healthcare industry, certifying that specific germs and other micro-organisms are inhibited by these silver additives.



Silver Inorganic Antimicrobial Agent

Incorporated with silver inorganic antimicrobial agent, it delivers high safety, perfect sustainability and excellent antimicrobial effect.

Not just for health, but also for productivity

Outstanding Reading Performance

Powered by the innovative FuzzyScan Imaging Technology 3.0, Cino healthcare barcode scanners not only deliver outstanding reading performance, but also can read most popular bar codes that are commonly used in the real world, including low contrast, damaged, poorly-printed and electronic bar codes.

Rugged Construction for Maximum Reliability

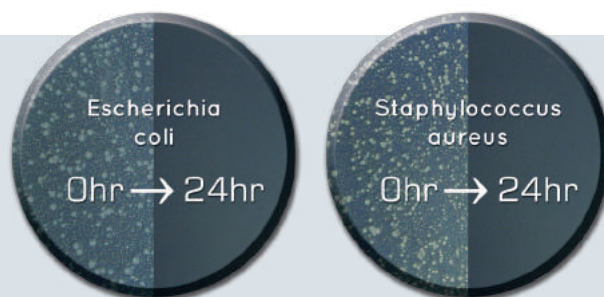
Designed with over-molded housing, Cino healthcare barcode scanners are strong enough to withstand multiple drops from **6.6 feet** to concrete. Moreover, no moving parts inside and wide-range temperature endurance deliver high reliability to protect your investment.

Rich User Feedback





Cino healthcare barcode scanner offers beeper, LED indicator and built-in vibrator to signal various user feedbacks. The **Vibration** function is ideal for some situations which beep sound is undesirable or environments where are noisy, such as factory, hospital , library and more.



An Extra Layer of Protection

Antimicrobial additives has been proven effectively in reducing the growth of harmful microbes. Cino antimicrobial treated healthcare barcode scanner provides an extra layer of protection.







Feature Comparisons

	A780BT-HD HC	A780BT-SR HC	A780-HD HC	A780-SR HC
2D Imaging Scanner				
Communication Interface	Bluetooth	Bluetooth	Corded	Corded
Form Factor	Pistol Shape	Pistol Shape	Pistol Shape	Pistol Shape
Technology	2D Area Imaging	2D Area Imaging	2D Area Imaging	2D Area Imaging
Print Contrast (MRD)	18%	18%	18%	18%
Min. Resolution	2.4 mil Code 39 4.5 mil Datamatrix	2.7 mil Code 39 4.8 mil Datamatrix	2.4 mil Code 39 4.5 mil Datamatrix	2.7 mil Code 39 4.8 mil Datamatrix
Reading Range (Unit: Inch)	13 mil (0.33mm) EAN up to 14.1"	13 mil (0.33mm) EAN up to 19.6"	13 mil (0.33mm) EAN up to 14.1"	13 mil (0.33mm) EAN up to 19.6"
IP Sealing Drop Resistance	IP42 6.0 Feet (1.8m)	IP42 6.6 Feet (2.0m)	IP42 6.0 Feet (1.8m)	IP42 6.0 Feet (1.8m)



	PA670BT-HD HC	PA670BT-SR HC
2D Pocket Scanner		
Communication Interface	Bluetooth	Bluetooth
Form Factor	Pocket Shape	Pocket Shape
Technology	2D Area Imaging	2D Area Imaging
Print Contrast (MRD)	20%	20%
Min. Resolution	3 mil Code 39 5 mil Datamatrix	4 mil Code 39 7 mil Datamatrix
Reading Range (Unit: Inch)	3 mil C39: 1.1"-3.1" 5 mil DM : 1.3"-3.5"	5 mil C39 : 1.5"-5.9" 10 mil DM: 1.1"-6.1"
IP Sealing Drop Resistance	IP65 6.6 Feet (2.0m)	IP65 6.6 Feet (2.0m)

Selection Guide

Linear & Laser Imaging Scanner

	F780BT HC	L780BT HC	F780 HC	L780 HC
				
Communication Interface	Bluetooth	Bluetooth	Corded	Corded
Form Factor	Pistol Shape	Pistol Shape	Pistol Shape	Pistol Shape
Technology	Linear Imaging	Laser Imaging	Linear Imaging	Laser Imaging
Print Contrast (MRD)	15%	20%	15%	20%
Min. Resolution	3 mil Code 39	3 mil Code 39	3 mil Code 39	3 mil Code 39
Reading Range (Unit: Inch)	13 mil UPC-A : 0-24" 20 mil C39 : 0-34"	13 mil UPC-A : 0-24" 20 mil C39 : 0-34"	13 mil UPC-A : 0-24" 20 mil Code39: 0-34"	13 mil UPC-A : 0-24" 20 mil Code39: 0-34"
IP Sealing Drop Resistance	IP42 6.6 Feet (2.0m)	IP42 6.6 Feet (2.0m)	IP42 6.6 Feet (2.0m)	IP42 6.6 Feet (2.0m)

Bluetooth Pocket Scanner

	PF680BT HC	PL680BT HC
		
Communication Interface	Bluetooth	Bluetooth
Form Factor	Pocket Shape	Pocket Shape
Technology	Linear Imaging	Laser Imaging
Print Contrast (MRD)	20%	20%
Min. Resolution	3 mil Code 39	3 mil Code 39
Reading Range (Unit: Inch)	13 mil (0.33mm) EAN up to 24"	13 mil (0.33mm) EAN up to 24"
IP Sealing Drop Resistance	IP65 6.6 Feet (2.0m)	IP65 6.6 Feet (2.0m)

Feature Comparisons

	A780BT-HD HC	A780BT-SR HC	A780-HD HC	A780-SR HC	PA670BT-HD HC	PA670BT-SR HC
Technology						
Linear Imaging						
Laser Imaging						
2D Area Imaging	●	●	●	●	●	●
Symbologies Supported						
1D	●	●	●	●	●	●
Stacked *2	●	●	●	●	●	●
2D	●	●	●	●	●	●
Drop Resistance						
6.6 Feet (2.0m)	●	●	●	●	●	●
IP Sealing						
IP42	●	●	●	●		
IP65					●	●
Communication Interface						
Corded			●	●		
Bluetooth	●	●			●	●
Options						
Standard RS232, 5VDC Inlet	●	●	●	●		
Standard RS232, 5V-14VDC Inlet			●	●		

Selection Guide

	F780BT HC	L780BT HC	F780 HC	L780 HC	PF680BT HC	PL680BT HC
Technology						
Linear Imaging	●		●		●	
Laser Imaging		●		●		●
2D Area Imaging						
Symbologies Supported						
1D	●	●	●	●	●	●
Stacked *2	●	●	●	●	●	●
2D						
Drop Resistance						
6.6 Feet (2.0m)	●	●	●	●	●	●
IP Sealing						
IP41	●	●	●	●		
IP65					●	●
Communication Interface						
Corded			●	●		
Bluetooth	●	●			●	●
Options						
Standard RS232, 5VDC Inlet			●	●		
Standard RS232, 5V-14VDC Inlet			●	●		

*2 Stacked barcodes include PDF417, Micro PDF417, Codablock F, and Composit Codes.

FOR MORE INFORMATION

Please visit www.cino.com.tw



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Environmental Initiatives

Environmental responsibility is a global cause that requires all of us to pitch in. Cino is not just about empowering your productivity, but also working on building a sound future for the world. Cino vows to minimize the impact on our natural resources and protect the environment by continuing to manufacture eco-conscious products.



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