The Capture Mamba imaging scanner takes retail operation to a new level with outstanding performance on reading most linear and 2D barcodes on paper, plastic card, as well as smartphone display.

The Mamba offers an exceptional value for retail, office, hospitality and commercial applications that require reliable design and rich feature set, increasing employee productivity and customer satisfaction.

Every Barcode – Every Time

The Mamba is capable of capturing most the challenging and problematic barcodes instantly, including dense, poor quality, distorted, dirty, damaged, or overwrapped barcodes, as well as electronic barcode on a dimly lit display.

State of the Art Imaging Technology

The technology in the Mamba adopts Machine Learning Algorithm ensuring the best barcode scanning performance and speed.

Best in Class User Comfort

The Mamba is compact as well as robust. It will survive multiple 1.8-meter drops to concrete, delivering high reliability. The well-balanced design ensures high user comfort, even in repetitive scanning applications.

- **Read general, tiny and dense barcodes**
- **Read most challenging and problematic barcodes**
- **Superior first-time read**
- **Omnidirectional snappy scanning**
- **Read barcodes shown on smartphone display**
- **Support 2D configuration barcode for easy field setup**
- **Easy to Use**
- **Definite audio and visual user feedbacks**
- **Robust construction withstands 1.8-meter drops**
- **1.7-meter cord with USB included**

Optional Stand Item: CA-SS-1

Performance Characteristics

Imager Sensor	1280 x 800 Pixels
Print Contrast	18% minimum reflectance difference
Light Source	660nm LED
Minimum Resolution	2.7 mil Code 39, 4.8 mil DM
Reading Range	13 mil (0.33mm) UPC/EAN up to 16"
Roll, Pitch, Skew	Roll: 360˚; Pitch: ± 75˚; Skew: ± 65˚
Configuration Setup	Barcode command
	Configuration barcode
User Interfaces	USB HID (USB Keyboard)
	USB VCOM (USB COM port emulation)
Image Capture	BMP

User Environment

Drop Specifications	Withstand multiple drops at 1.8m to concrete
Environmental Sealing	IP42
Operating Temperature	-10˚C to 50˚C
Storage Temperature	-40˚C to 70˚C
Humidity	5% to 95% relative humidity, non-condensing
Ambient Light Immunity	0 ~ 100,000 lux
ESD Protection	Functional after 15KV discharge

Supported Symbologies

1D Linear Codes	Code 39, Code 39 Full ASCII, Code 32, Code 128, GS1-128, Codabar, Code 11, Code 93, GS1 DataBar, Standard & Industrial 2 of 5, Interleaved & Matrix 2 of 5, IATA, UPC/EAN/JAN, UPC/EAN/JAN with Addendum, Telepen, MSI/Plessey & UK/Plessey
2D Codes	PDF417, Micro PDF417, Codablock F, Code 16K, Code 49, Composite Codes, DataMatrix, MaxiCode, QR Code, Aztec, MicroQR

Safety & Regulatory

EMC	CE, FCC, BSMI, RCM, KC, VCCI
Safety	LED Eye Safety IEC62471
RoHS	Compliant with RoHS directive

General

Product dimensions	97 mm (H) x 65 mm (W) x 156 mm (D)
Package dimensions	85 mm (H) x 200 mm (W) x 90 mm (D)
Weight net/gross	130g (excl. cable) / 290g (incl. cable)
Color	Black
Cable lenght	1.7 meter
Connection type	USB
User Interfaces	3 LEDs for power, good read and status indications
	Programmable beeper
Operating Voltage	5VDC ± 10%
Operating Current	Operating : Typical 395 mA @5VDC
	Standby : Typical 220 mA @5VDC

Item

Item no.	CA-SC-20200B
EAN:	5706998541406
QTY in carton	20

Optinal accessories

Stand	CA-SS-1