MS22C Handheld Imager

Reliable Scanning Precision, Versatile Customization, and Seamless Integration: The Heart of Everyday Data Capture

Introducing MEFERI's trusted partner in data capture – the MS22C. Navigating the landscape of barcodes, from common 1D to intricate 2D, becomes an everyday ease. Outfitted with a smart Proximity Sensor and versatile connectivity options, it's tailored for real-world integration across diverse POS systems. Beyond its dependable scanning, the MS22C stands out with its customizable design and pragmatic accessories. Whether you're in the vibrant realm of retail or the dynamic world of warehousing, the MS22C is your steadfast ally. With durability, ambient light adaptability, and intuitive user indicators, this handheld imager delivers reliable and consistent results. With MS22C, elevate your everyday scanning experience and step into a world where practical meets proficient.

integration of energy efficiency and high-performance capabilities. Whether it's the standard 1D barcodes like Code 39, Code 128, and UPC/EAN or more complex 2D barcodes like QR Code, DataMatrix, and Aztec, the MS22C leaves no stone unturned. Powering this unrivaled accuracy is the MEFERI M1 Scanner Engine, meticulously designed to ensure fast, accurate, and detailed scanning. Even specialized codes, such as Base 32 (Italian Pharma) or the Korean 3 of 5, are effortlessly decoded. This fusion of precision and versatility ensures that your data capture process is not just efficient but also exceptionally consistent.

Intuitive Customizations with the Scan Settings Utility

Part of the MEFERI OmniSoftware Suite, the Scan Settings Utility offers an incredibly user-friendly experience. Even if you're new to this, the intuitive design and wizard-led interface will guide you seamlessly. Effortlessly consolidate your configurations into a single programming barcode. Now, device setup is as simple as a single scan. Experience unparalleled simplicity with MS22C.

Seamless Integration with POS and Global Deployment

Enhance your tablet-based POS or Standard POS systems with USB On-The-Go (OTG) with the MS22C's cutting-edge features, designed specifically to ensure top-notch scanning quality. Our user-friendly app development tools mean configuring and updating your MS22C is a breeze — all directly from your tablet.

Venturing global? The MS22C's compatibility with a plethora of international keyboards ensures hassle-free deployment anywhere you go.

Streamlined Deployment and Immediate Usability

Hit the ground running with the MS22C. Precisely calibrated with optimal default settings, it's primed for the broad spectrum of scanning tasks. Unpack, power up, and you're good to go—no tedious setups needed.

Unparalleled Precision in Every Scan

Elevate your data capture game with the MS22C Corded Barcode Scanner, boasting a state-of-the-art CMOS Image Sensor that efficiently captures the most popular barcodes. Experience the flawless

Smart Cable Technology for Hassle-Free Connection

Connecting your MS22C to any Point of Sale (POS) system is more seamless than ever. Thanks to the intelligent auto-host detect cables, the device autonomously recognizes the interface and establishes a connection, trimming down your setup efforts considerably. Simplify your deployment with MS22C.

MS22C: Precision in Every Scan - When Reliability Encounters Modern Scanning Expertise
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https://www.meferi.com/ms22c

Exceptional Scanning Distance and Precision

Empower your team with the capability to effortlessly scan barcodes at diverse distances—from a close 0.5 in./1.3 cm to a more extended 11 in./27.9 cm. This adaptability not only enhances the checkout process's efficiency but also considerably cuts down on training efforts.

Precision Aiming with Light Source Technology

MS22C Handheld Scanner equipped with a Light Source aiming system, highlighted by a distinct Linear Amber LED pattern, simplifies the scanning experience. It's designed for intuitive targeting and ensures that users in retail, warehousing, and other sectors can quickly and clearly capture data. The distinctive aim beam also serves as a guide, assisting users to maintain the optimal distance from the barcode, an indispensable feature when dealing with broader barcodes. Experience the future of fuss-free and efficient barcode scanning

Automated Stand Scanning: Elevated Hands-Free Operations

The MS22C scanner isn't just about precision; it's about intuition. Boasting an advanced Proximity Sensor, our scanner goes beyond mere scanning capabilities. When set to presentation mode, the MS22C springs into action by itself when it detects motion within approximately 30 cm / about 1 foot, transforming the point-of-sale experience. This automated response eliminates the need for continuous manual scanner adjustments, allowing staff to focus on customer interactions.

Combine this with our scanner's wide field of view and impeccable tolerance for varying barcode orientations, and you have a tool optimized for both speed and accuracy. Whether it's dense 1D barcodes or intricate two-dimensional 2D barcodes, the MS22C rises to the occasion, ensuring seamless data capture. For businesses, this means faster transactions, reduced errors, and a smoother overall operational flow across industries.

Versatile Connectivity Options

The MS22C scanner offers dual-type physical connection interfaces, including the widely adopted USB 2.0 High Speed and the dependable RS232, catering to diverse technological infrastructures.

Customizable Aesthetics

Adorned in a sleek black finish, the MS22C scanner showcases a striking red scan trigger button. What sets this device apart is the customization potential–businesses can tailor the trigger button and housing to align with their brand colors, ensuring consistency and brand recall.

Intuitive User Indicators

The scanner is built with user-centricity in mind. Its Direct Decode Indicator, complemented by LEDs and an adjustable tone beeper, provides clear visual and audio cues. Whether it's the subtle change in LED colors or the discernible beep tones, users are instantly informed about data collection processes and the ongoing operational status of the scanner.

Robust and Resilient in Varied Environments

Engineered for challenging conditions, the MS22C scanner boasts impressive durability. Its operating temperature range spans from a chilly -20°C up to a sweltering 60°C. Even in storage, it withstands extremes from -40°C to 70°C.

But it doesn't stop there. Its ruggedness is further evidenced by its drop-and-tumble specifications: the scanner can endure multiple 1.2-meter drops to concrete across its operating temperature range and can take up to 1000 hits in 1.6-foot tumbles. Its IP42 environmental sealing provides basic protection against dust and moisture, ensuring its longevity. Moreover, the device can resist electrostatic discharges up to ±15 kV in air and ±8 kV in direct contact.

Impervious to Light Variations

Ambient lighting can often affect scanning capabilities, but not for the MS22C. Its innate immunity allows it to function flawlessly in diverse lighting conditions, from complete darkness to bright environments up to 100,000 Lux.

Equip Your MS22C Scanner with Tailored Accessories

Standard Accessories: Enhancing the Core Experience

Stand for MS22C: A blend of utility and design, this stand ensures the MS22C scanner is always at the ready. When the scanner is positioned on this stand, its proximity sensor activates the automatic scanning mode. This setup isn't merely about

efficiency; it's about aesthetics too. At points of sale, the scanner-on-stand ensemble seamlessly complements the decor, while in warehouse settings or other industries, the stand offers a reliable home base for the scanner, ensuring it's always in place and ready for action.

USB Cable: Reliable connections are paramount. With our USB Cable, your MS22C scanner effortlessly links up with PCs or laptops, facilitating uninterrupted data transfer.

Optional Accessories: Customize to Your Preference

RS232 Cable: Different setups, different requirements. The RS232 Cable offers an alternative connection, allowing the MS22C scanner to interface smoothly with PCs and ensuring seamless data communication.

Universal Folding Bracket: Adaptability is the key. With the Universal Folding Bracket, you can mount the MS22C scanner on varied surfaces, ensuring operational flexibility in multiple settings.

Equip and customize your MS22C scanner experience with these purposefully curated accessories, meeting both foundational needs and specialized customizations.

Zapraszamy do kontaktu!
Więcej informacji: **www.kreski.pl**

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Physical Characteristics

Dimensions	**Scanner MS22C:** 145 mm. H x 68 mm. W x 101 mm. D 5.71 in. x 2.68 in. x 3.98 in. **Stand for MS22C:** 180 mm. H x 100 mm. W x 110.50 mm. D 7.09 in. x 3.94 in. x 4.35 in.
Weight	Scanner MS22C: 159.3 g / 5.62 oz. Stand for MS22C: 189 g / 6.67 oz.
Input Voltage Range	5 VDC±5%
Current	Operating Current at Nominal Voltage (5.0V): 190mA, 201mA. max Standby Current: 35~45 mA
Physical connection interfaces	USB 2.0 High Speed; RS232
Device Color	Black + Red (scan trigger button and housing can be customize for you company brand colors)
User Indicators	Direct Decode Indicator (LEDs); beeper (adjustable tone and volume). Visual and audio notifications to inform about data collection processes and scanner operation.
Illumination	Red/Blue/Green LEDs (customizable)

Performance Characteristics

Light Source	Aiming Pattern: Linear Amber LED. Allows you to accurately aim and focus the scanner on barcodes for fast and clear data capture.
Imager Field of View	45° H x 34° V
Image Sensor	CMOS, 640 x 480 pixels. Reading most of 1D and 2D barcodes. combines energy efficiency and high performance. Fast and accurate data decoding.
Minimum Print Contrast	20% minimum reflective difference
Skew/Pitch/Roll Tolerance	+/- 65°; +/- 65°; 0-360°
Minimum Element Resolution	Code 39 - 4.0 mil; Code 128 - 3.0 mil; Data Matrix - 6.0 mil; QR Code - 6.7 mil

User Environment

Operating Temperature	-20°C to 60°C -4°F to 140°F
Storage Temperature	-40°C to 70°C -40°F to 158°F
Humidity	5% to 95% RH, non-condensing

Drop Specification	1.2 m./4 ft. multiple drops to concrete over operating temp
Tumble Specification	1000 hits, 1.6 ft./0.5 m. tumbles
Environmental Sealing	IP42
Electrostatic Discharge (ESD)	±15 kV air discharge, ±8 kV direct discharge
Ambient Light Immunity	0~100,000 Lux

Sensors

Proximity Sensor: Enhanced Automatic Scanning Feature	When set to Hands-Free Mode, the MS22C scanner intuitively activates upon detecting motion within a range of roughly 30 cm (about 1 foot). This feature streamlines the salesperson's workflow, eliminating the frequent need to manually handle the scanner and press the trigger, especially at point-of-sale locations. To use this function, it is recommended to install the scanner in a stand (optional accessory).

Data Capture

Scanner Engine	MEFERI M1 Scanner Engine with CMOS Image Sensor (CIS) allows for precise and detailed barcodes scanning, enabling you to effortlessly read most 1D and 2D barcodes with ease.
1D	Code 39, Code 128, Code 93, Codabar/NW7, Code 11, MSI Plessey, UPC/EAN, I 2 of 5, Korean 3 of 5, GS1 DataBar, Base 32 (Italian Pharma)
2D	PDF417, Composite Codes, TLC-39, Aztec, DataMatrix, MaxiCode, QR Code, Micro QR, Han Xin, Postal Codes

Decode Ranges (Typical)

Code 39	Resolution: 5 mil Near: .2in./.5cm Far: 6.0 in/15.2 cm.
Code 128	Resolution: 5 mil Near: .6in./1.5 cm. Far: 4.0 in./10.1 cm.
PDF417	Resolution: 6.7 mil Near: .8 in./2.0 cm Far: 5.7 in/14.5 cm.
UPC	Resolution: 13 mil (100%) Near: .5 in./.1.3 cm Far: 14.5 in./36.8 cm.
Data Matrix	Resolution: 10 mil Near: .3in./.8 cm. Far: 6.2 in./15.7 cm.
QR	Resolution: 20 mil Near: .0 in./.0cm Far: 11 in./27.9 cm.

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Additional Regulatory

US:

Electrical Safety	UL 60950-1
LED Safety	IEC 62471 (This is an international standard but may be referenced in the US)
Radio Frequency Devices	47 CFR Part 15, Subpart B, Class B
Digital Apparatus	ICES-003 Issue 6, Class B

Europe:

Electrical Safety	EN 60950-1 2ed+A11+A1+A12+A2:2013, IEC 60950-1 2ed + A1 + A2
Environmental	RoHS EN 50581
LED Safety	IEC 62471
IT Emissions	EN 55032 (Class B)
IT Immunity	EN 55024
Harmonic Current Emissions	EN 61000-3-2
Voltage Fluctuation and Flicker	EN 61000-3-3

Standard Accessories

USB Cable	Connecting the scanner to PC or Laptop, an information-receiving host

Optional Accessories

Stand for MS22C	Stand for installing the scanner. Allows you to use the scanner in Hands Free Mode (proximity sensor: enhanced automatic scanning feature). For ease of use and aesthetically correct workplace organization.
RS232 Cable	Connecting the scanner to PC, an information-receiving host
Universal Folding Bracket	For mounting the scanner on various surfaces

General Certifications

CE FC RoHS IEC EMC Technologies

Warranty

MEFERI's hardware warranty statement governs the warranty coverage of the MS22C, protecting it against any defects in workmanship and materials for a duration from the date of shipment: MS22C Scanner: Twelve (12) months; Stand for MS22C: Twelve (12) months. For detailed information regarding the warranty terms and conditions, please refer to the complete warranty statement available at: **www.meferi.com/warranty**

MEFERI MeCare

Premium service program offering extended coverage for repairs, accidental damage, and technical support. Keep your MEFERI devices performing flawlessly beyond the standard warranty.

Additional information

1. For a comprehensive list of symbologies, please consult the Product Reference Guide.

2. The printing resolution, contrast, and ambient light conditions will influence the performance.

Kreski

Zapraszamy do kontaktu!
Więcej informacji: **www.kreski.pl**

MEFERI
START YOUR NEW JOURNEY

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