



Datalogic DSM04XX – Kleines Scan-Modul mit vielen Einsatzmöglichkeiten

- ✓ Kompaktes Design für vielseitige Integration**
Mit einem Volumen von nur 49 cm³ ist das DSM04XX-Scanmodul äußerst kompakt und erlaubt so eine einfache Integration in verschiedene Systeme wie Kioske, Ticketautomaten, Zugangskontrollsysteme, autonome Roboter und Labortestgeräte.
- ✓ Vielseitige Modelloptionen für unterschiedliche Anwendungen**
Das DSM04XX ist in mehreren Modellen mit unterschiedlichen Auflösungen und Sichtfeldern erhältlich, einschließlich Weitwinkelmodellen, die besonders nützlich sind, wenn der Platz begrenzt ist.
- ✓ Robuste Konstruktion für anspruchsvolle Umgebungen**
Das Gehäuse des DSM04XX besteht aus hochschlagfestem Material, das Stößen standhält und resistent gegen nahezu alle Reinigungs- und Desinfektionsmittel ist. Mit IP54 ist es vollständig gegen das Eindringen von Staub und Wasser geschützt.
- ✓ Foto-Funktionalität für zusätzliche Anwendungen wie Dokumenten-Scans**
Besonders nützlich für Anwendungen in der Logistik, Qualitätssicherung und Dokumentation, bei denen visuelle Beweise oder zusätzliche Informationen erforderlich sind.
- ✓ Hervorragende Leistung und Benutzerfreundlichkeit**
Das DSM04XX verfügt über ein gut sichtbares 4-Punkt-Zielsystem und akustisches Feedback, das erfolgreiche Scans bestätigt. Die patentierte Green Spot-Technologie von Datalogic bietet eine gut sichtbare Rückmeldung direkt auf dem gerade gelesenen Code.

Eigenschaften

Lesbare Codes: 1D, 2D, Post, Stapel

Sensor: WVGA: 752 x 480 px, MP: 1280 x 960 px

Leseabstand: 3,5 cm - 40 cm

Lesebereich: 40 - 52° h x 26 - 40° v

Beleuchtungs-LEDs: Weiß

Feedback: LEDs, Green Spot, Beeper

Konnektivität: USB, RS-232

Stromanschluss: 5 V DC

Schutz: IP54

Betriebstemperatur: -20 - 45°C

Abmessungen: 47 x 27 x 38 mm

Gewicht: 96 - 131 g

Enthaltenes Zubehör

Halterung

PART NUMBERS

| | |
|-------------------|---|
| DSM0421 | DSM0400, 2D, WVGA, USB, 50 cm Cable |
| DSM0422-DL | DSM0400, 2D, MP-DL, USB, 50 cm Cable |
| DSM0452-DL | DSM0400, 2D, MP-DL, RS-232, 2 m Cable |
| DSM0492-DL | DSM0400, 2D, MP-DL, RS-232 and USB, RJ-45 Connector |
| DSM0422-WA | DSM0400, 2D, MP-WA, USB, 50 cm Cable |
| DSM0452-WA | DSM0400, 2D, MP-WA, RS-232, 2 m Cable |
| DSM0492-WA | DSM0400, 2D, MP-WA, RS-232, USB, RJ-45 Connector |

DECODING CAPABILITY

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|--------------------------|---|
| 1D / Linear Codes | All standard 1D codes including: UPC/EAN/JAN, P2 / P5 add-ons; Code 39; Italian Pharmacode 39; Code 128; C128 ISBT; I 2 of 5; Standard 2 of 5; Interleaved 2 of 5; Industrial 2 of 5; Datalogic 2of5; IATA; Code 11; Codabar; ABC Codabar; EAN 128; Code 93; MSI/Plessey; RSS-14; BC412; Databar Limited; Databar Omnidirectional; Databar Expanded; IATA; Trioptic; Matrix 2/5; Telepen. Composite codes CC-A, CC-B and CC-C |
| 2D Codes | Aztec Code; China Han Xin Code; Data Matrix; MaxiCode; Micro QR Code; QR Code |
| Postal Codes | Australian Post; British Post; China Post; IMB; Japanese Post; KIX Post; Korea Post; Planet Code; Postnet; Royal Mail Code (RM4SCC) |
| Stacked Codes | EAN/JAN Composites; GS1 DataBar Composites; GS1 DataBar Expanded Stacked; GS1 DataBar Stacked; GS1 DataBar Stacked Omnidirectional; MacroPDF; MicroPDF417; PDF417; UPC A/E Composites |

ELECTRICAL

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| Input Voltage | 5 VDC \pm 5% |
| Current: DSM0421 USB Connected | Operating (Typical): \approx 214 mA** Standby/Idle (Typical): \approx 57 mA* Low Power: \approx 3.9 mA |
| Current: DSM0422 / DSM0492 USB Connected | Operating (Typical): \approx 214 mA** Standby/Idle (Typical): \approx 55 mA* Low Power: \approx 5 mA |
| Current: DSM0452 / DSM0492 RS-232 Connected | Operating (Typical): \approx 246 mA** Standby/Idle (Typical): \approx 50 mA* Low Power: \approx 9 mA |

**If "power" and "trigger" status LED are enabled add 30 mA
* If "power" status LED is enabled add 15 mA

ENVIRONMENTAL

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|--------------------------------------|--|
| Ambient Light | 0 - 100,000 lux |
| Humidity (Non-condensing) | 5 - 95% |
| Drop Resistance | Withstands repeated drops from 3 ft onto a concrete surface. |
| Particulate and Water Sealing | IP54 |
| Temperature | Operating: -20 to 50°C / -4 to 122 °F Storage/Transport: -40 to 70 °C / -40 to 158 °F |

INTERFACES

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|-------------------|---|
| Interfaces | USB: HID-KBD, COM, OEM& Composite (KBD & COM) RS-232 |
|-------------------|---|

PHYSICAL CHARACTERISTICS

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|----------------------------|---|
| Colors Available | Black |
| Dimensions | 4.7 x 2.7 x 3.8 cm / 1.85 x 1.06 x 1.50 in |
| Weight (with cable) | USB version - Approximately 131 g / 4.62 oz RS-232 version - Approximately 155 g / 5.47 oz RJ-45 version - Approximately 96 g / 3.39 oz |

READING PERFORMANCE

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|---------------------------------|--|
| Imager Sensor | WVGA: 752 x 480 pixels MP: 1280 x 960 pixels |
| Light Source | Aiming: 650 nm VLD Illumination: White LEDs |
| Field of View | DSM0421: 40°H x 26°V DSM04X2-DL: 42°H x 32°V DSM04X2-WA: 52°H x 40°V |
| Reading Angle | Pitch: \pm 60°; Roll (Tilt): \pm 180°; Skew (Yaw): \pm 60° |
| Reading Indicators | Beeper (Adjustable volume); Good Read Feedback: Datalogic 'Green Spot' Technology; Good read top LED. |
| Resolution (Maximum) | 1D Linear: 2.5 mils (DSM04X2) - 3.0 mil (DSM0421) Data Matrix: 6 mils (DSM04X2) - 7.5 mils (DSM0421) PDF417: 3 mils (DSM04X2) - 6.6 mils (DSM0421) |
| Print Contrast (Minimum) | 25% |
| Image Capture | Greyscale: 256; Graphic Formats: BMP, JPEG |

READING RANGES

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|--------------------------------|--|
| Typical Depth of Field | Minimum distance determined by symbol length and scan angle. Printing resolution, contrast, and ambient light dependent. |
| 1D/2D Codes: DSM0421 | 3 mils Code 39: 8.0 to 17.5 cm / 3.1 to 6.9 in 5 mils Code 39: 5.5 to 26.0 cm / 2.1 to 10.2 in 13 mils EAN-13: 4.5 to 42.0 cm / 1.8 to 16.5 in 20 mils Code 39: up to 59.0 cm / up to 23.2 in 15 mils Data Matrix: 3.5 to 26.5 cm / 1.4 to 10.4 in 10 mils PDF417: up to 20.0 cm / up to 7.9 in |
| 1D/2D Codes: DSM04X2-DL | 3 mils Code 39: 6.5 to 20.0 cm / 2.5 to 7.8 in 5 mils Code 39: 3.5 to 29.0 cm / 1.3 to 11.4 in 10 mils Data Matrix: 7.5 to 26.0 cm / 2.9 to 10.2 in 13 mils EAN-13: 4.5 to 42.0 cm / 1.7 to 16.5 in 15 mils Data Matrix: 5.5 to 32.0 cm / 2.1 to 12.5 in 20 mils Code 39: up to 60.0 cm / up to 23.6 in |
| 1D/2D Codes: DSM04X2-WA | 3 mils Code 39: 5.0 to 18.0 cm / 2.0 to 7.1 in 5 mils Code 39: 3.0 to 24.0 cm / 1.2 to 9.4 in 10 mils Data Matrix: 4.0 to 20.0 cm / 1.6 to 7.9 in 13 mils EAN-13: 3.5 to 37.0 cm / 1.4 to 14.6 in 15 mils Data Matrix: 3.0 to 25.0 cm / 1.2 to 9.8 in 20 mils Code 39: up to 60.0 cm / up to 23.6 in |

SAFETY & REGULATORY

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|---------------------------------|--|
| Agency Approvals | The product meets necessary safety and regulatory approvals for its intended use. The Quick Reference Guide for this product can be referred to for a complete list of certifications. |
| Environmental Compliance | Complies to China RoHS; Complies to EU RoHS |
| Laser Classification | Caution Laser Radiation - Do not stare into beam IEC 60825 Class 2 |

SOFTWARE INTEGRATION

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|---------------------------------|---|
| Operating System Support | Windows; Linux, Android™ |
| Tools | DESP Demonstration & Configuration Utility; Datalogic Aladdin™ |

WARRANTY

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|-----------------|-------------------------|
| Warranty | 3-Year Factory Warranty |
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