



# FM510-V

Escáneres industriales fijos



1D



CCD



High motion tolerance



IP54



RS232



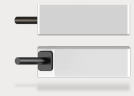
Warranty 2 Years



Wide Scan Angle



Wide Voltage 5-24V



## Features

### High-Speed Scanning for Boosted Throughput

With a high scanning speed of 780 scans per second, the FM510-V boosts your data collection efficiency. Higher speed allows you to accelerate the track and trace process and handle more samples. The FM510-V is perfect for in-vitro diagnostics and laboratory track and trace applications, where speed is critical for accurate and timely results.

### Vertical and Horizontal Configurations

With both vertical and horizontal configurations available, the FM510 Series offers adaptability in its integration within laboratory environments. These options guarantee a seamless alignment with your existing lab setup and equipment, allowing for optimal use of scanning technology within your workspace.

### Wide Angle for Close-Up Scanning

The FM510-V features a wide scan angle, ideal for laboratory use where vials with lengthy 1D barcodes and close-up scanning are common requirements. It offers a depth of field, covering distances from 15mm to 95mm, allowing you to scan up to three rows of lab vials.

### Ultra Compact & Durable Design

The compact design of the FM510-V ensures seamless integration with your existing lab equipment. Moreover, the FM510-V is encased in a robust IP54-sealed housing, which makes it capable of withstanding the harsh demands of laboratory environments and safeguards the longevity of your devices.

### Wide Voltage Input

The FM510-V features an extensive input voltage range from 5 to 24VDC, offering adaptability to various power sources and global electrical standards. This versatility ensures stable and reliable operation without the need for additional power converters.

**2** Years Full Warranty



## TECHNICAL SPECIFICATIONS

### FM510-V

#### Captura de datos

1D	All major 1D symbologies
Salida del haz	Scan window with lateral beam exit

Profundidad de campo	15 mm - 95 mm
Campo de visión vertical	68°
Iluminación	LED rojo (615 nm)
Sensor de imagen	2500 CCD
Contraste de impresión mínimo	25%
Resolución	≥6mil
Velocidad de lectura	780 scans per second

#### Físico

Corriente en funcionamiento @ 24 VDC	117 mA RMS (typical); 250 mA (max)
Corriente en funcionamiento @ 5 VDC	540 mA RMS (typical); 850 mA (max)
Dimensiones (mm)	62.5(W) × 57(D) × 21.5(H) mm
Carcasa	Plástico
Tensión de entrada	5-24 V CC ±5 %
Interfaces	RS-232
Notificaciones	LED
Consumo eléctrico	< 3 W
Peso	120 g

#### Medioambiental

Iluminación ambiental	≤5000 lux
Humedad	5 % al 95 % (sin condensación)
Grado de protección IP	IP54
Temperatura de funcionamiento	De 0 °C a 50 °C (de 32 °F a 122 °F)
Temperatura de almacenamiento	De -40 °C a 70 °C (de -40 °F a 158 °F)

#### Software

Herramientas de configuración	EasySet
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#### Certificados

Certificaciones Hardware	FCC, IEC 62471, CE, UL, RoHS 2.1
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#### Garantía

Garantía estándar	2 años
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#### Newland AIDC EMEA

Feel free to contact us or a partner near you.

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Specifications are subject to change without notice

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