



PRODUCT BRIEF

High Performance Code Reader VHV5-F

The VHV5 High Performance Barcode Reader is designed for high-speed production lines and challenging direct part marks, making it an ideal solution for the Automotive/Mobility and Food & Commodity industries. Its "Automated Intelligent Setup" streamlines configuration to just three clicks, integrating Smart Assist, Automatic Optimization, Learn-All-Codes, and the advanced X-Mode 6.0 decode algorithm. This dramatically reduces installation times and simplifies deployment through a user-friendly, web-based interface, no software installation required. Designed to handle variable-quality marks on a wide range of surfaces, The VHV5 grading each code to the specified ISO standard at high speeds. The multi-core processing allows up to 4000 reads per minute.

- Maximum Ease-Of-Use
- Reduce installation and commissioning time due to easy web-browser setup
- High-speed multi-thread processor, maintain optimal performance with ease
- Strong algorithms and optimization resources read difficult codes, such as DPM on cast metal.
- Online code quality monitoring based on ISO 15416, 15415, and 29158.

Applications:

- Reading Direct Part marks on automotive parts and components.
- Food, Beverage, Packaging, and high-speed lines, reading up to 4000 codes per minute.
- Automated Logistics, combining barcode reading with automation and data collection.

Key Features:

- Models with 2.3 or 5MP resolution.
- Multi-core high-speed processor.
- High-power LED provides uniform illumination.
- Three different lens versions covering various Fields of View (FOV).
- Up to 2 meters distance with autofocus liquid lens.
- "Automated Intelligent Setup," X-Mode 6.0 algorithm, and resources such as "Smart Assist" and "Automatic Optimization" decode the most challenging direct part marks.
- Up to IP69K protection.

VHV5-F Product Selection



Readers

Resolution	Illumination	Lens	Focus Range	Part Number
2.3MP	Red LED	Medium - 8.5 mm	50 to 500 mm	VHV5-F000M023M-SRX
		Narrow - 12.5 mm	100 to 1000 mm	VHV5-F000N023M-SRX
		Long - 20mm	100 to 2000 mm	VHV5-F000L023M-SRX
	White LED	Medium - 8.5 mm	50 to 500 mm	VHV5-F000M023M-SWX
		Narrow - 12.5 mm	100 to 1000 mm	VHV5-F000N023M-SWX
		Long - 20mm	100 to 2000 mm	VHV5-F000L023M-SWX
5MP	Red LED	Medium - 8.5 mm	50 to 500 mm	VHV5-F000M050M-SRX
		Narrow - 12.5 mm	100 to 1000 mm	VHV5-F000N050M-SRX
		Long - 20mm	100 to 2000 mm	VHV5-F000L050M-SRX
	White LED	Medium - 8.5 mm	50 to 500 mm	VHV5-F000M050M-SWX
		Narrow - 12.5 mm	100 to 1000 mm	VHV5-F000N050M-SWX
		Long - 20mm	100 to 2000 mm	VHV5-F000L050M-SWX

Cables

Appearance	Description	Length	Part Number
	Power, IO, RS232C M12 to flying leads cable	3 meters	V430-W8-3M
		5 meters	V430-W8-5M
		10 meters	V430-W8-10M
	Communications Straight M12 X-Coded to RJ45	2 meters	FHV-VNB2 2M
		3 meters	FHV-VNB2 3M
		5 meters	FHV-VNB2 5M
		10 meters	FHV-VNB2 10M
		20 meters	FHV-VNB2 20M

Mounting Brackets

Appearance	Description	Part Number
	L-Bracket Adjustable Angle Mounting Kit	VHV5-AM0
	Universal Mounting Block and Heatsink Kit	VHV5-AM1
	APG Pan and Tilt Camera Mount	VHV5-AM2