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45 %  
Price  
advantage

## SIMATIC MV540 Starter Kit

### Optical Identification

The SIMATIC MV540 optical readers are powerful, intelligent read devices for both simple, high-contrast 1D/2D codes as well as difficult-to-read DPM codes applied straight onto different product surfaces.

The optical readers boast integrated lighting and powerful image capture at different resolutions, which makes them flexibly usable in production and logistics.

Device configuration via web-based management and system integration via the TIA Portal ensure easy handling.

SIMATIC MV540 is the first device in the new, high-end generation of SIMATIC MV500 optical readers. The higher computing power significantly speeds up the reading process to up to 80 reads per second.

Reading reliability can also be improved, even under difficult conditions, through in-depth analysis of the image information.

Powerful lenses with electronic focus enable focus changes within 200 milliseconds. Additional accessories include new, flexibly controllable, built-in ring lights with separately configurable ring light segments and switchable polarization filters for eliminating reflections and ensuring reliable reading, even under difficult conditions.

One-button configuration allows fast and uncomplicated commissioning. Furthermore, the large working memory (1 GB) enables extended use of the AutoTrigger function, allowing costs for the installation of high-precision mechanics in the plant to be saved. Despite a range of new features, SIMATIC MV540 is compatible with the SIMATIC MV440 predecessor model both mechanically and in terms of programming and interfaces.

#### SIMATIC MV540 highlights

- Maximum reading performance of 1D/2D codes with up to 80 read operations per second
- Powerful, flexible accessories (lighting, lenses)
- Easy handling thanks to one-button configuration
- Maximum system reliability and system security

# Order your Starter Kit now!

## Basic<sup>1)</sup>



- SIMATIC MV540 S
- Resolution: 800 x 600 pixels
- Incl. microSD card adapter<sup>2)</sup>
- C-mount lens 16 mm, 1:1.4 PENTAX, D = 29.5 mm, L = 37.2 mm, MOD = 0.25 mm
- D65 lens protection IP67, metal, front screen: glass
- Built-in ring light MULTI red, lighting distance up to 800 mm, light source: red LEDs 630 nm, incl. polarization filter
- Mounting plate, W x H x D (mm): 80 x 80 x 60; thickness: 4 mm
- IE connecting cable M12-90/M12-90, 10 m
- IE FC RJ45 plug 180 2 x 2, RJ45 plug connector
- Power DIO DATA M12 adapter cable, 12-pole, open end, length 10 m

**Article No.:** 6GF3500-1AP01  
**Price:** 45% off list price

## Advanced<sup>1)</sup>



- SIMATIC MV540 H
- Resolution: 1280 x 1024 pixels
- Incl. microSD card adapter<sup>2)</sup>
- E-focus lens (C-mount), focal distance: 25 mm; e-focus via liquid lens
- D65 lens protection IP67, metal, front screen: glass
- Built-in ring light MULTI red, lighting distance up to 800 mm, light source: red LEDs 630 nm, incl. polarization filter
- Mounting plate, W x H x D (mm): 80 x 80 x 60; thickness: 4 mm
- IE connecting cable M12-90/M12-90, 10 m
- IE FC RJ45 plug 180 2 x 2, RJ45 plug connector
- Power DIO DATA M12 adapter cable, 12-pole, open end, length 10 m

**Article No.:** 6GF3500-1AP02  
**Price:** 45% off list price

## Your benefits

- Optical reader with powerful built-in ring light, flexibly switchable segments and polarization filters, e.g. for reading codes on metallically reflective products
- Easy integration in IT environment
- One-button automatic parameterization for adapting the configuration to changed reading conditions
- One-button connection to the PC; no admin rights necessary
- Integrated HTML5 commissioning and diagnostics tools (including for mobile terminals)

## Your benefits

- Optical reader with powerful built-in ring light, flexibly switchable segments and polarization filters, e.g. for reading codes on metallically reflective products
- Electronically controllable lens
- Maximum reading reliability thanks to electronically adjustable optics and lighting methods, even in changing scenarios
- Easy integration in IT environment
- One-button automatic parameterization for adapting the configuration to changed reading conditions
- One-button connection to the PC; no admin rights necessary
- Integrated HTML5 commissioning and diagnostics tools (including for mobile terminals)

1) One promotional package can be ordered per customer.

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2) Without microSD card

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