




Over 50%
savings

Code reading and more – option for text and object recognition

The SIMATIC MV440 starter package; optionally with OCR license „Text-Genius Plus“ or object recognition „Pat-Genius“

The SIMATIC MV440 code reading system offers instant reading of 1D/2D codes and plain text as well as object recognition with one device. The “Text-Genius Plus” OCR license extends the functions of SIMATIC MV440 to include optical character recognition (OCR). And with the „Pat-Genius“ license the SIMATIC MV440 can also be used for object recognition.

SIMATIC MV440 features maximum reading reliability and a wide range of different communication and connection options. Flexible lighting options and compact design with IP67 degree of protection allow the SIMATIC MV440 to be used in a host of industrial applications.

The bus connection via PROFINET onboard or PROFIBUS via communication modules, as well as the function blocks included in the scope of delivery, permit simple integration into Siemens automation systems such as SIMATIC and SIMOTION as well as into SINUMERIK systems via configuration file. This significantly simplifies the work involved in commissioning, diagnostics and maintenance. Additional connection options exist through the Ethernet and RS232 interfaces.

Highlights of SIMATIC MV440

- High reading speed
- Easy commissioning on PG/PC via Internet Explorer without extra software
- Web-based user interface
- Wide variety of diagnostic and logging functions

Order your starter package now!

Highlights of "Text-Genius Plus" OCR license

- Reliable and automatic recognition of popular fonts by means of algorithm
- High recognition rate due to custom font creation for additional, external fonts and characters including special characters and graphic symbols
- Up to 1000 read operations per minute
- Simultaneous reading and comparison of plain text and machine-readable codes in one field of view
- Automatic text localization
- Line recognition: up to 5 x 15 lines
- Font sizes: between 15 and 55 pixels
- Reading of mirrored, rotated and inverted texts
- Extensive filter and comparison functions

Highlights of "Pat-Genius" object recognition license

- Search and recognition of trained patterns in the image
- High checking rate of up to 2500 checks per minute
- Simple parameter assignment without specialist know-how
- Versatile usage in different industries
- Object recognition can be combined freely and flexibly with code reading and text recognition
- Offline viewing and maintenance function
- Extensive filter and comparison functions

Possible applications include:
pharmaceutical industry, automotive/electronics industry, solar industry, food and beverage industry, ...

1) One starter package can be ordered per customer.
The general terms and conditions of payment and delivery for products and services of the electrical industry apply. For software products, the "General license conditions for software products for automation and drive technology for customers with a registered office in Germany" apply. Prices are shown in Euros, exworks, and do not include sales tax or postage and packaging.

The SIMATIC MV440 starter package contains¹⁾:

- SIMATIC MV440 HR code reader,
Resolution: 1024 x 768 pixels
- 16 mm mini lens, 1:1, 4 PENTAX C1614-M (KP);
D = 29.5 mm, L = 37.2 mm
- Lens protection tube, D = 65 mm, glass, IP67
- Ring light, red; light source:
red LEDs (630 nm), lighting range up to 800 mm
- Ring light, white; light source:
white LEDs (440-650 nm), lighting range up to 800 mm
- Reader mounting plate, W x H x D (in mm):
80 x 80 x 60; plate thickness: 4 mm
- Ethernet cable, M12 plug, 8-pin,
RJ45 plug, Length: 2 m
- Power IO RS232 cable, M16, one end preassembled,
open-ended; Length: 10 m

Article number: 6GF3400-1AP03

Price: € 2499.–

additionally can be ordered:

„Text-Genius Plus“ starter package¹⁾:

supplied on a USB stick

Article number: 6GF3400-1AP03-1AA0

Price: € 499.–

or

„Pat-Genius“ starter package¹⁾:

supplied on a USB stick

Article number: 6GF3400-1AP03-2AA0

Price: € 399.–

Please order online via the Siemens Mall:

www.siemens.com/automation/mall

or

Contact your local Siemens partner:

www.siemens.com/automation/partner