

VIPAC R

Handheld camera system for OCR and code reading

The VIPAC R handheld camera system reads

- text (handwritten and typewritten), such as addresses, product numbers, quantities and supplier numbers with maximum scanning rates
- multiple codes with only one captured image (multi-label reading)
- text and codes with only one captured image
- 1-D/2-D codes, namely even poorly printed codes.

It functions as a stand-alone system or integrated into the VIPAC family.



Reading handwriting and typewriting with a portable camera

The handheld camera system offers the highest resolution with 2000 x 2000 pixels and the largest image area with 30 cm x 30 cm (12in x 12in) - in contrast to conventional Area Imagers.

Multiple fields of application

Increase the degree of automation and identify customer-related information

- on goods that cannot be transported mechanically such as bicycles, tires, car body parts
- on pallets
- behind plastic films
- on flexible parts
- on corrugated objects.

100 percent read rate by connecting to video coding

Information that cannot be scanned or only identified incompletely by machines can be forwarded to video coding workstations by means of a fast, intelligent network. An image is available at the workstations within milliseconds and employees enter missing information.

User-friendly handheld camera

The handheld camera *VICAM^{mobile}* OCR is connected to a decoding unit by means of cables. A monitor including keyboard can be optionally connected. The handheld camera is easy to operate:

- Optical focusing
- Automatic sharpness detection
- Simple trigger action
- Acoustical and optical signals confirming the reading
- A mounting device avoids cumbersome handling when not in use
- Simple operation and easy handling due to ergonomic design.

VIPAC monitoring system for archiving and NoRead analysis

The image archiving and analysis tool stores images for tracking and documentation purposes. It allows an exact analysis of the identification process.



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VITRONIC
machine vision people

Identification capabilities

Characters (OCR)	all handwriting and typewriting such as <ul style="list-style-type: none">• zip codes• product numbers• addresses• supplier numbers• quantities
2-D-codes	all current codes such as <ul style="list-style-type: none">• DataMatric ECC 200• PDF417• Maxicode
Barcodes	all current codes such as <ul style="list-style-type: none">• 2/5interleaved• Code 39, Code 93, Code 128• EAN-13, EAN-8, EAN-128• EAN/UPC with add-on• Codabar, Postnet, Planet• 3/5• FourStateCode, PlanetCode, PostNetCode
Multicodes	many codes - also different codes at once

The portable handheld camera system VIPAC R is composed of:

- handheld camera VICAM^{mobile} OCR with integrated illumination
- suspension device or receptacle
- mobile workstation on rollers with integrated PC.

Technical data

Camera

Illumination	integrated LEDs, Laser class 2
Focusing	automatic focus detection
Trigger	simple trigger action
Reading confirmation	acoustically and optically
Image area	300mm x 300mm with 350mm clearance 12in x 12in with 13.8in clearance
Camera	b/w, resolution >200dpi
Interface	Ethernet

Electrical data

Operating voltage	12 V DC 800mA or 24 V DC 400mA
Snapshot rate	max. 15 images per second

Mechanical data

Housing	ABS
Weight	800g / 1.8lbs

Environmental conditions

Suggested temperature range for operation	-10°C to +50°C / 14°F to 122°F
Storage temperature	-20°C to +60°C / -4°F to 140°F
Protection class	IP54
Humidity	<90%, not condensing



A monitor including keyboard can be optionally connected