

NEW

## Machine Vision System

IMAGECHECKER PV230

### Solutions for Optical Character Recognition (OCR) and 1D / 2D Code Reading (CR)

All-in-one model featuring  
image processing, optical  
character recognition (OCR)  
and code reading (CR) functions

- Compatible with a wide variety of cameras ranging from 0.3M to 4M pixels  
Reliable character extraction achieved by the color / gray combination function
- The optical character recognition (OCR) can read up to 80 characters. [Capable of case-sensitive (capital letter or small letters) reading]
- The 1D / 2D code reading function is compatible with the following code types and can read up to 80 characters.  
1D code: 25 types (Industrial 2 of 5, EAN-13, Code 39, etc. \*1)  
2D code: 2 types (Data Matrix ECC 200, QR Code)
- Capable of checking the 1D / 2D code reading result with that of reading the character string indicated with the code
- Equipped with a function to check the 2D code print quality (Compliant with ISO / IEC 15415)
- Capable of combination inspections using a variety of checker functions of PV200 (Smart edge, etc.)
- The PLC communications function enables communications with PLC without programming (Ethernet and RS232C).
- Compatible with PC setup software (PVWIN230), which enables off-line operation



Part No.: ANPV0232ADP

### A wide variety of Preprocessing filters, Color extraction and Gray conversion functions provide reliable reading

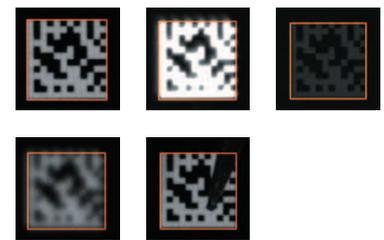
Reliably extracting only characters of selected colors even if the contrast with the background is low (Characters of up to 8 colors can be extracted simultaneously.)



Capable of reliably reading deformed, distorted or partly chipped characters  
Arc-shaped character strings, italic and dotted characters can be read.



2D code reading: Codes with contrast fluctuations, out-of-focus codes, and codes with hidden or chipped portions can also be read.



\*1. Readable 1D codes (all the 25 types) : Industrial 2 of 5, Interleaved 2 of 5, Codabar, Code39, Code93, Code128, EAN-13, EAN-13 Add-On 2, EAN-13 Add-On 5, EAN-8, EAN-8 Add-On 2, EAN-8 Add-On 5, UPC-A, UPC-A Add-On 2, UPC-A Add-On 5, UPC-E, UPC-E Add-On 2, UPC-E Add-On 5, PharmaCode, RSS-14 (GS1 Databar), RSS-14 Truncated (GS1 Databar Truncated), RSS-14 Stacked (GS1 Databar Stacked), RSS-14 Stacked Omnidirectional (GS1 Databar Stacked Omnidirectional), RSS Limited (GS1 Databar Limited), RSS Expanded (GS1 Databar Expanded)