ALL-IN-ONE

MOBILITY

KIOSK

PANELS PC

PRINTERS

DISPLAYS

ACCESSORIES

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AURES®
TOUCH THE DIFFERENCE

PS 82

2D Image Hands-Free Scanner

This 2D hands free scanner and reading module offers unprecedented performance, optimal reliability and exceptional features.

With its 2D imager, the AURES **PS 82** allows users to intuitively and accurately decode and read the codes to be scanned, even if space is limited. Furthermore, the module excels at reading barcodes on smartphone, tablet or computer screens; it also decodes poorly printed barcodes in record time.

- Compact and ergonomic design
- High speed and reliable performance on all standard and common 1D and 2D codes
- Capture barcodes on smartphone, tablet or computer screens
- Exceptional motion tolerance and full directional code reading for added convenience
- Compact Format (can be held in the hand or placed in a constrained space)

1. Distinctive indicator
2. Large trigger button & slip-proof design
3. 45° tilting angle

OPERATIONAL

Aiming Element	617 nm LED
Illumination Element	617 nm LED
Optical System	752H×480V pixels (WVGA)
Depth of Field	Code 39 (5 mil): 0 – 50 mm EAN 13 (13 mil): 0 – 210 mm Note: DOF may vary depending on environment condition and barcode quality.
Min. Bar Width	6.8 mil (PDF 417), 5 mil (Code 39)
Scan Angle	44.4° horizontal; 29.1° vertical
Print Contrast	30% @ UPC/EAN 100%
Indicator	Color LED
Programmable Operation	Scan Mode, Beeper tone
System Interface	RS-232, USB

POWER

Input Voltage	5 VDC ± 10%
Operating Current	400 mA typical

ENVIRONMENT

Operating Temperature	0° C ~ 50° C (32°F – 122°F)
Storage Temperature	-40°C - 70°C (-40°F – 158°F)
Humidity	5% – 95% RH (non-condensing)
Drop Durability	Designed to withstand 1M drops

SECURITY

EMC	CE, FCC, VCCI, BSMI
Safety	IEC 62471 Exempt

OTHERS

Dimensions H x W x L	144.6 x 80.0 x 97.0 mm
Weight	250 g

DECODING CAPABILITIES

1D Barcodes	UPC/EAN [UPCA/UPCE/ EAN-8/ EAN-13, ISBN (Bookland), ISSN], Code 39 (Standard, Full ASCII, Trioptic, Code 32 (Italian Pharmacode), Code 128, Code 93, Codabar, 2 of 5 (Interleaved 2 of 5, Discrete 2 of 5, IATA, Matrix 2 of 5, Code11), MSI Plessey, GS1 DataBar (Omnidirectional, Truncated, Stacked, Stacked Omnidirectional, Limited, Expanded, Expanded Stacke;
2D Barcodes	PDF417, MicroPDF417, Composite Codes (CC-A, CC-B, CC-C) , Aztec (Standard, Inverse), Maxicode, Data Matrix/ ECC 200 (Standard, Inverse), QR Code (Standard, Inverse, Micro) ;

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