SmartMore Corporation Limited
Shenzhen, China · leo.xu@smartmore.com · damp-truth-4b52.452102356.workers.dev

FIXED-MOUNT READER

VS500MAX

Ultra-compact industrial smart ID reader with AI deep-learning decoding for challenging DPM, low-contrast and damaged codes in tight installation spaces.

KEY SPECIFICATIONS

Sensor options	1288 x 1088 resolution; 60 fps; black & white; global shutter; pixel 2.7 um x 2.7 um; fixed focus
Working distance	Code39 3mil: HD 30-60 mm; Code128 10mil: HD 40-122 mm / SR 15-250 mm; QR 5mil: HD 30-80 mm; DataMatrix 5mil: HD 35-74 mm; EAN13 13mil: SR 30-280 mm
Lens options	Fixed focus
Illumination	White LED
Read capability	1D, 2D and DPM (curved, low-contrast, corroded marks)
Decode	Full-chain AI deep-learning decoding
Housing	45 x 22.3 x 23.8 mm; approx. 67 g
Operating temperature	0-45 C (storage -20 to 70 C; humidity 5-95% RH non-condensing)

INTERFACES AND INTEGRATION

- USB
- RS-232
- 1 non-isolated I/O
- 1 red aiming spot
- 2 status LEDs + buzzer

ILLUMINATION

- White LED
- 1 red aiming spot
- 2 status LEDs + buzzer

TYPICAL APPLICATIONS

- Challenging DPM codes
- Difficult inkjet codes
- Hard-to-read paper labels
- Space-constrained installations

ORDERING

Sample unit	US$120 per unit
Dispatch time	7 days from order confirmation
Batch lead time	7–15 days after proforma invoice confirmation
Payment	T/T against proforma invoice
OEM	Your logo, packaging and firmware defaults from 200 units

Specifications are those stated in the current product documentation at the date of issue. Local type approval and import requirements are the buyer's responsibility unless agreed in writing. We state certifications only where held.