

**Proven performance,
reliability, security
and flexibility.**



The Power of Performance

More than fifteen years of innovative thinking and advanced technology features have combined to produce the PV-200, the world's most popular Machine Readable Travel Document (MRTD) Reader. AiT has supplied nearly 20,000 MRTD readers, used daily by government agencies and airlines on every continent in the world.

This industry-leading reader sets the standard for reliable and flexible document processing, an unparalleled upgrade path and performance and security capabilities that are second-to-none.

Performance

The PV-200 incorporates advanced Optical Character Recognition (OCR) technology to read and process biographical data in less than two seconds per document. This data can be stored and compiled into a passenger manifest system or developed into an easily accessible cross-match system.

Reliability

With several thousand units installed, the PV-200 is field-proven technology and sets the benchmark with its inspection capabilities. It has a proven MTBF (mean time between failure) in excess of three years when recommended maintenance procedures are followed.

Flexibility

The PV-200's advanced OCR features provide operators with accurate and secure processing of machine-readable passports, visas, and ID cards with 1, 2 or 3 lines of text conforming to the standards set by the International Civil Aviation Organisation (ICAO) and the International Organisation for Standardisation (ISO).

The PV-200 can process thick documents and can read a document for its entire lifetime. A motorised document path allows the operator a hands-free environment. An ergonomically designed, adjustable base allows modification of the PV-200's angle for ease of document movement.

The PV-200's design is both compact and rugged. With its flexible computer interface, the PV-200 is easy to use.

The PV-200 scans and decodes many common 1D (linear) barcodes.

Security

Designed in compliance with international standards, the PV-200 reads in the B900 spectrum, allowing a security pattern to be printed in the machine-readable zone of the MRTD and not interfere with the OCR reading.



The PV-200 processes machine-readable passports, visas, and ID cards.

PV-200 Specifications

Performance

Scans and reads in less than two seconds

Physical

Length: 18.3 cm (7.2 ")

Width: 7.6 cm (3.0 ")

Height: 10.2 cm (4.0 ")

Weight: 1.8 kg (4.0 lbs)

Power

90-264 VAC

47-63 Hz

20 watts nominal-operating

7 watts nominal-standby

Environment

Temperature: 0°C (32°F) to 40°C (104°F)

Humidity: 20 to 80% (R.H. non-condensing)

Interface

EIA RS232C/CCITT V.24

300-38,400 baud asynchronous

7 or 8 bit odd, even or no parity

XON/XOFF, STOP/GO, RESET

Standards

FCC Class B and CSA (NRTL)

CE compliant

SITA approved

Display

Three reader status lamps

Reading Capabilities

Reads documents that conform to ICAO 9303 Part I, II, III and ISO 7501-1 standards

Can be customized to read other types of documents

AiT is a charter member of the Simplifying Passenger Travel Interest Group (SPTIG). The SPT Program, managed by IATA, brings together all the key parties involved in a passenger's journey with the goal of using technology co-operatively to move passengers through airports faster and without hassle. For more information please contact AiT or visit www.simplifying-travel.org.

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