

# DOCUMENT READER PS5



The PS-5 is a next-generation multimodal device for automatic reading and verification of passports and identity documents. It integrates a multispectral passport scanner with a built-in computing module running, "Result" AI software, ensuring fully autonomous operation – no cloud or external services required.



**AI Core** – Integrated neural ensemble performing over 500 authenticity checks across 13 categories, analyzing visible and infrared ranges to detect print and handwriting anomalies on passports and IDs worldwide.

## **Key Advantages**

- Plug-and-Play Operation – Ready to work immediately. No integration or software setup is needed.
- Fully Autonomous – All recognition and verification algorithms run locally. No Internet connection required.
- Certified Security – Complies with Russian state and corporate information security standards. Optional FSTEK and HSM support.
- Flexible Integration – Works as HID device or via REST API. Ideal for access control, kiosks, and registration points.
- Chip Verification – Automatically compares printed and electronic chip data for reliability.
- High-End Optics – 850 dpi resolution, 130×90 mm area, multispectral (white/IR/UV), RFID up to 848 Kbit/s.

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## VISUALS AND TECHNICAL SPECIFICATIONS

### Technical Characteristics

<b>Parameter</b>	<b>Specification</b>
Optical Scanning Area	130 × 90 mm
Optical Resolution	Up to 850 dpi
Illumination	White, IR, UV
RFID Support	ISO 14443, ICAO LDS 1.7, PKI 1.1, BAC, EAC
Interface	USB, Ethernet
Dimensions	TBD (similar to PS4-02)
Weight	≈2.0 kg
Power Supply	12 V DC
Operating Mode	Standalone, local processing



**Manufactured by: JSC IT Concepts India Pvt Ltd.**

**B-216, 1st Floor, Okhla Industrial Area Phase-1, New Delhi-110020 PH: +91-11- 44729518.**

**E: [info.india@itcworld.com](mailto:info.india@itcworld.com) W: [www.jscitconcepts.com](http://www.jscitconcepts.com)**