DR2000 Full Page Document Reader

Product Use

DR2000 Full Page Reader can be used in inspecting and imaging Machine Readable Travel Documents in a variety of market segments.

- ✧ Support travel documents containing contactless integrated circuit chips (eIDs and ePassports)
- ✧ Optical document analysis no-chip travel documents (older passports and ID card etc.)
- ✧ Quality assurance and chip encoding applications during the document issuance process

Key Features & Functionality

- ➢ Multiple documents reading and imaging capability – imaging in 24-bit color
- ➢ 400 DPI high resolution imaging
- ➢ Multiple wavelength illumination – visible, IR, UV
- ➢ OCR data capture, Chinese data recognition
- ➢ Enables images to be accessed as BMP or JPEG format
- ➢ Automatically detected
- ➢ Auto-triggering of documents
- ➢ Automatically classified documents
- ➢ USB 2.0 high speed compatible
- ➢ Integrated USB 2.0 Hub – 1 port for external peripherals
- ➢ No moving parts
- ➢ Easy to embed into gates, entrances, or ports.

Reading Capability

Contact or Contactless IC reading and writing capability

- ➢ ISO 14443 Type A and Type B ICs
- ➢ ICAO recommendations in ICAO Doc 9303 supplement
- ➢ All standardized rates, up to 848 Kbps
- ➢ Average 3 seconds read-out time
- ➢ Active and Passive authentication of ePassports
- ➢ Chines ID cards
- ➢ Residence permit for Taiwan, Hong Kong and Macao residents

Specification

Item	Describe
Captured Area	L127mm x W88mm Standard 400 DPI image resolution
Camera	3.1 Megapixels CMOS, RGB 24 bits color ✧ Captured area L127mm x W88mm ✧ Standard 400 DPI image resolution.
Illumination	The reader's multiple wavelengths illumination: ✧ Near IR 860nm ✧ White visible, 430-700nm ✧ Ultraviolet A (UVA): 365nm
OCR Recognition	✧ Number, English letters, symbol, Chinese data recognition.
RFID Recognition	Contact or Contactless IC reading capability ✧ ISO 14443 Type A and Type B ICs ✧ ICAO recommendations in ICAO Doc 9303 supplement ✧ All standardized rates, up to 848 Kbps ✧ Average 3 seconds read-out time ✧ Active and Passive authentication of ePassports ✧ Residence permit for Taiwan, Hong Kong and Macao residents
The Chinse Second-Generation Identity Card	Reading time <1 second
Barcode Recognition	1D code：ode 128, Code39 etc. 2D code：PDF417，QR, Data Matrix etc
Communication Interface	USB 2.0 high speed compatible Integrated USB 2.0 Hub – 1 port for external peripherals
LED Indicators	The readers provide user feedback via the following three status indicators ✧ Blue: Power-up ✧ Green: Operating ✧ Red: Error
Power Adapt	Universal input external power supply ✧ Input AC100-240V, 50/60 Hz, 0.8A ✧ Output DC 5V 3A JK5.5*2.1 power adapter ✧ Less than 15 Watts
Standard Dimensions	Length: 192 mm (8") Width: 163mm (6.4") Height: 95 mm (3.7") (without light shield)
Weight	< 1.2 kg or 2.6 lbs
Compliance	FCC Class A CE WEEE/RoHS
Minimum PC or Tablet Specifications	1.7 GHz Pentium 4 2G DRAM USB 2.0 80G Hard Drive space Win XP, Win7，Win10 32bit, 64bit Android 5.0 Linux

Operating Environment	Humidity: 20 to 80% (R.H. non-condensing)
	Temperature: -10 to 50℃ operating; -20 to 60℃ storage
Service & Maintenance	One-year warranty