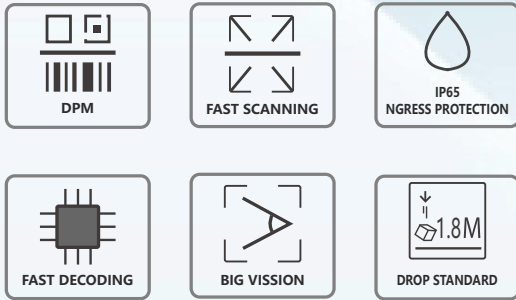


RETSOL RX81-HD

INDUSTRIAL SCANNER



Key Features:

- Comprehensive reading of industrial DPM codes
- High-precision aiming system
- Multi-light source scanning technology
- Strong performance



RX81-HD

Technical Specifications

Performance Parameters

Sensor Type	Global Shutter CMOS, 1280x1080, 60FPS
Light Source	White point light source, Red low-angle ring light, Red/Blue dome light
Field of View	40° (H)
Scan Angle	Pitch $\pm 60^\circ$, Yaw 360° , Roll $\pm 60^\circ$
Symbol Contrast	$\geq 15\%$
Communication Protocol	RS232, TCP/IP, UDP, EIP, PN Modbus TCP/RTU

Physical Parameters

Dimensions	92mm x 75mm x 188mm
Weight	215.4g
Housing Material	PC, TPU
Power Consumption	3W max
Power Supply	External power supply: 12~24VDC

Symbology Decode Capability

1D	Code128, Code93, Code39, Interleaved 2 of 5, Industrial 2 of 5, JAN/EAN/UPC
2D	QR, DataMatrix, PDF417, Aztec

User Environment

Operating Temperature	0°C ~ 50°C
Storage Temperature	-20°C ~ 70°C
Drop Resistance	Withstand drop 1.8m on concrete
ESD Protection	Contact discharge: +8KV, Air discharge: $\pm 15KV$, Coupled discharge: $\pm 8KV$
Ingress Protection	IP65
Ambient Light Immunity	100,000 Lux
Warranty	2 Years - Factory Warranty *

* Warranty - Against Manufacturing Defects on the Scanner
Specifications are subject to change without notice

