eSSL®
Security at Fingertips



U14 UHF Reader

TECHNICAL SPECIFICATIONS

Physical	Dimensions (L×W×H)	220mm*220mm*40mm
	Protection Rating	IP66 / 67 (Dust-proof and Water-resistant)
RFID	Air Protocol	EPC global Class 1 Gen 2 (ISO/IEC 18000-6C)
	Frequency Range	NA: 902-928MHz (FCC)
		EU: 865-868MHz (ETSI)
		860-960MHz Configurable
	Output Power	5dBm~33dBm (±1dB)
	Receiver Sensitivity	-80dBm@ 10%BER
	Integrated Antenna	8dBi Circular Polarized Antenna
Performance Specifications	Peak Tag Read Rate	Peak Tag Read Rate
	Read Distance	Read Distance 0-12m
	RSSI	Supportable

eSSL Security Machine
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Interfaces	Standard Interfaces	RJ45 10/100M Ethernet
		RS232, RS485, baud rate up to 460,800, the default 115200 N 8 1
		Wiegand 26, 34,66
	GPI	2 x Input, 12~24V
	GPO	2 x Relay Output, DC 30V/ 2A, AC125V/0.3A
	Indicator	Built-in Buzzer and Status LED
Power	Input Voltage	DC 12V ±10%
	Power Consumption	Max 10W@30dBm
	Recommended Power Adapter	DC 9V-30V, 24-60W connector:5.5*2.5*10mm
Environment	Operating Temperature	-25°C to +65°C
	Storage Temperature	-40°C to +85°C
	Atmospheric Pressure	86kPa ~ 108kPa
	Lightning protection	Direct grounding
	Operating Humidity	5% to 95% RH (Non-condensing)
	IP Level	IP66/67

Disclaimer : Brief specifications are mentioned here. Specifications may change without prior notice. Customers are advised to check with us before purchase. Actual product may differ slightly to that depicted for ongoing product development.
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ISO FC CE ROHS