



微光互联



QT680

Product Specification

QT680

Embedded qr code scanning module

Performance parameter	Symbologies	Mobile phone+ Paper code	Two-dimensional : QRCODE, PDF417, etc One-dimensional : EAN-8, EAN-13, ISBN-10, CODE39, CODE93, CODE128, UPCA, UPCE, Aztecode, etc
	Image Sensor		640*480 CMOS
	Reading direction		Tilt $\pm 56.8^\circ$, rotation $\pm 360^\circ$, deflection $\pm 62.4^\circ$
	Recognition mode		Active reading/passive reading, switchable
	Symbol contrast		$\geq 25\%$
	Precision		$\geq 8\text{mil}$
	Reading speed		70ms/per time
	Reading distance		20mm—100mm
	Scanning feedback		Light out
	NFC		Not support
	RFID		/
Electrical/mechanical parameters	Product size	(L*W*H)	44.4mm*36mm*11.8mm
	Flame rating		V0
	Product material		PC/ABS
	Product weight		14.4g
	Work voltage		DC 5V
	Work current		116.3mA (Typical 5V power supply)
	Rated power consumption		581.5mW
	Communication interface		RS232, USB, TTL
	Development language		Java, c++, c# (only in Windows Environment), serial port protocol, Android Development
Electrostatic protection		$\pm 8\text{kV}$ (air discharge), $\pm 6\text{kV}$ (direct discharge)	
Environmental parameters	Working environment		-10°C - 60°C
	Storage temperature		-30°C - 70°C
	Relative humidity		5%-95% (No condensation) (Ambient temperature 30°C)
	Ambient illumination		0-80000Lux (Non-direct sunlight)
	OS		Windows (xpW7W8W10) , Linux, Android, mac etc



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Beijing Vguang Internet Technology Co., Ltd.

TEL : 400-810-2019

WEB : www.vguang.cn