

Performance	Image Sensor		1280 * 800 CMOS	
	Illumination		White LED	
	Aiming		Red Cross Laser Aimer or green LED	
	Symbolologies	2D		PDF417, QR Code, Data Matrix, Aztec, CSC, Maxicode, Micro QR, Micro PDF417, GM, Code One.
		1D		EAN-13, EAN-8, UPC-A, UPC-E, Code 128, Code 39, Codabar, UCC/EAN 128, RSS, ITF, ITF-14, ITF6, Standard 25, Matrix 25, COOP 25, Industrial 25, Plessey, MSI Plessey, Code 11, Code 93, Code 49, Code16K.
	Resolution*		≥3mil	
	Typical Depth of Field*	EAN-13		55-360mm (13mil)
		Code 39		70-180mm (5mil)
		PDF 417		55-160 (6.67mil)
		Data Matrix		50-170 (10mil)
		QR Code		40-210mm (15mil)
	Scan Mode		Sense mode, Continuous mode, Level mode, Pulse mode	
	Scan Angle**		Roll: 360°, Pitch: ±55°, Skew:±55°	
	Field of View		Horizontal 51°, Vertical 32°	
Symbol Contrast		≥25%		
Mechanical/ Electric	Interface		RS-232, USB	
	Dimensions		41.5(W)×49.5(D)×24.3(H)mm	
	Weight		75g	
	Notification		Beep, LED indicator	
	Rated Power Consumption		1622mW (typical)	
	Operating Voltage		5VDC±5%	
	Current @ 5VDC	Operating		276.8mA (typical), 322.7mA (max.)
		Standby		83.3mA
Environmental	Operating Temperature		-20°C to 60°C (-4°F to 140°F)	
	Storage Temperature		-40°C to 70°C (-40°F to 158°F)	
	Humidity		5% to 95% (non-condensing)	
	ESD		±14 kV (air discharge), ±8 kV (direct discharge)	
	Drop		1.5m	
	Sealing		IP54	
Certifications			FCC Part15 Class, CE EMC Class B, RoHS, IEC60825, IEC62471, KC	
Accessories	Cable	USB	Used to connect the FM430 to a host device.	
		RS232	Used to connect the FM430 to a host device.	
	Power Adapter		DC5V adapter to power the FM430 with RS232 cable.	

*Testconditions: T=23°C; Illumination=300lux using incandescent lamp; sample barcodes made by Newland.

Version: V1.0

**Testconditions: Scan Distance=(min. DOF + max. DOF)/2; T=23°C; Illumination=300lux using incandescent lamp; 2D: QR Code;10 Bytes; Resolution=15mil; PCS=0.8.

Specifications are subject to change without notice.