



UF-N30

Performance	Image Sensor		1280×960 CMOS	
	Illumination		Direct: White LED; Diffuse: Ring of red LED;	
	Aiming		650nm laser diode	
	Symbologies	2D		PDF417, Micro PDF417, QR Code, Micro QR Code, Aztec, Data Matrix, Chinese Sensible Code, Maxicode.
		1D		EAN-8, EAN-13, UPC-E, UPC-A, Code128, Coupon, UCC/EAN128, CodaBar, I2Of5, Febraban, ITF14, ITF6, Matrix 25, Code39, Code93, ISSN, ISBN, Industrial 25, Standard 25, China Post 25, Plessey, Code 11, MSI Plessey, UCC/EAN Composite, GS1 Databar, Code 49, Code 16K, AIM 128, ISBT 128.
	Resolution*		2x20≥3mil	
	Typical Depth of Field*	Code 39		38mm-68mm (3.3mil)
		Code 39		18mm-90mm (5mil)
		Data Matrix		18mm-58mm (5mil)
		Data Matrix		0mm-90mm (10mil)
		QR Code		20mm-50mm (5mil)
		QR Code		0mm-90mm (10mil)
	Motion Tolerance*			Max. 2m/s (6.56ft/s)
	Scan Angle**			Pitch: ±60°, Roll: 360°, Skew: ±55°
Field of View			Horizontal 41°, Vertical 31°	
Min. Symbol Contrast*			20%	
Mechanical/ Electrical	Interfaces		RS-232, USB	
	Dimensions		76(W)×107 (D)×179(H)mm	
	Weight		235g	
	Notification		Beep, LED indicator, Vibration	
	Rated Power Consumption		2250mW (typical)	
	Operating Voltage		5VDC±5%	
	Current@5VDC	Operating		450mA (typical), 475mA (max.)
Environmental	Operating Temperature		-20°C to 50°C (-4°F to 122°F)	
	Storage Temperature		-40°C to 70°C (-40°F to 158°F)	
	Humidity		5%~95% (non-condensing)	
	ESD		±8 KV (direct discharge); ±16 KV (air discharge)	
	Drop		1.8m (5.9ft)	
	Sealing		IP42	
Certifications			FCC Part15 Class B, CE EMC Class B	

*Test conditions: T=23 ; Illumination=300lux using incandescent lamp; sample barcodes made by Newland.

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

Specifications are subject to change without notice.