

G2-BASIC(PLUS) DATA SHEET

SPEC

Size	45 X 53 X 18mm
Weight	40 g
Color	White

BLUETOOTH

BLUETOOTH RADIO	Bluetooth Low Energy 4.2, Bluetooth Classic 2.1	
	Basic Device Max 10~20m**	Third Party Device* Max 100m**
TRANSMISSION RANGE	* Third Party Device purchased separately ** May decrease in industrial environments (E.G. due to walls, metal shelving, machines)	

BARCODE DECODING

G2-BASIC

1D	Code 128, EAN-13, EAN-8, Code 39, UPC-A, UPC-E, codabar Interleaved 2 of 5, ITF-6, IFT-14, ISBN, ISSN, code93, UCC/EAN-128, GS1 Databar, Matrix 2 of 5, Code 11, Industrial 2 of 5, AIM128, Plessey, MSI-Plessey
2D	PDF417, QR code, Micro QR, Data Matrix

G2-BASIC PLUS

1D	Code 11, Code 128, Code 39, GS1 128 (UCC/EAN-128), AMI 128, Codabar, ISBT 128, Code 93, UPC-A, UPC-E, Coupon, GS1 Composite, EAN-13, EAN-8, ISSN, ISBN, Interleaved 2 of 5, Matrix 2 of 5, ITF14, ITF6, Industrial 25, Standard 25, China Post 25, MSI Plessey, Plessey, GS1 Databar(RSS), Code 49, Code 16K, etc.
2D	PDF417, QR Code, Micro QR, Data Matrix, Aztec, MaxiCode, GM Code, Chinese Sensible Code, MicroPDF417, Code One
Postal	USPS PostNet, Royal Mail, USPS Planet, KIX Post, Australian Postal, etc.
OCR	Passport OCR

BATTERY SPECIFICATIONS

Battery	700mAh, Lithium polymer (rechargeable)
Charging time	2 hours* * When using the built-in USB-C Type charging adapter
Hours Used / Scan Count	12,000 ~ 15,000 scan* * Depends on your environment and application Maintain 14 days of standby power when buffered (without use)

ENVIRONMENT OF USE

Drop Test	1,000 drop tests at a height of 1.5 meters.* * Appearance defects excluded, normal operating standards
Operating Temperature	-20°C ~ 60°C
Storage Temperature	-40°C ~ 70°C
Operating Humidity	5% ~ 95%(non-condensing)

INTERFACE

BLUETOOTH	HID, SPP Profiles
ANDROID	HID, SPP Profiles, Insight Mobile (Android) (App/SDK)
IOS	HID, Insight Mobile (iOS) (SDK)
USB	USB Type-C Cable
ETC	Contact is required for other connection protocols* * Connectivity enabled with commercial products

SCAN ENGINE

G2-BASIC

Image Sensor	640 X 480 CMOS
Illumination	White LED
Aiming	Red LED(625nm)
Resolution	≥3mil
Typical Depth of Field	EAN-13(13mil) : 60mm ~ 350mm Code 39 (5mil) : 40mm ~ 150mm PDF417 (6.7mil) : 50mm ~ 125mm Data Matrix (10mil) : 45mm ~ 120mm QR code (15mil) : 30mm ~ 170mm
Scan Angle	Roll : 360°, Pitch : ±60°, Skew : ±60°
Min. Symbol Contrast	25%

G2-BASIC PLUS

Image Sensor	1280 X 800 CMOS
Illumination	White LED
Aiming	650nm Laser Diode
Resolution	≥3mil
Typical Depth of Field	EAN-13(13mil) : 70mm ~ 500mm Code 39 (5mil) : 90mm ~ 265mm PDF417 (6.7mil) : 70mm ~ 225mm Data Matrix (10mil) : 65mm ~ 215mm QR code (15mil) : 40mm ~ 295mm
Scan Angle	Roll : 360°, Pitch : ±60°, Skew : ±60°
Min. Symbol Contrast	25%

WARRANTY

WARRANTY	1 year from the date of purchase
Manufacturer / Country of Manufacture	FACINROLL Co.,LTD / KOREA Republic

CERTIFIED

KC Certified.	R-R-FnR-G2-BASIC, KOREA Republic
EMC Certified.	GSTL-EK2006-147, KOREA Republic
Battery Certified.	XU100782-17002F, KOREA Republic
Battery MSDS	https://www.facinroll.co.kr/_img/sub/MSDS_report.pdf

