Z-6012 GT NEW
2D Image Hands-Free Scanner

2D | **LCD Friendly** | **DROP TEST 1.0M** | **GS1 / FMD** | **IP CODE IPX5** | **IP CODE IP54**

COMPACT | **Power Saving**
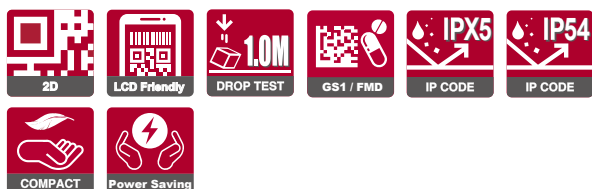
Looking for a compact and versatile device to boost your work productivity? Look no further than the Z-6012 GT 2D Image Hands-Free Scanner. This powerful device can be used as a standalone or installed in a kiosk with its attached cradle, offering flexibility in how you use it.

Installation is a breeze thanks to the scanner's universal mounting holes and tripod socket. The device's IPX5 / IP54 waterproof and dustproof design also ensures durability in harsh environments, providing peace of mind that it will last.

The Z-6012 GT scanner features a Phone mode for faster screen reading and a full planar window for easy cleaning, making it great for various applications, whether on a counter or integrated. Whether you're looking to streamline your workflow or enhance your customer experience, the Z-6012 GT 2D Image Hands-Free Scanner is the perfect device for you.

• Compact and Practical
• Multi-purpose cradle
• Universal mounting holes and tripod socket
• IPX5 / IP54 waterproof
• Phone mode to quickly scan a barcode at low-brightness on a smartphone screen
• Full planar window for easy cleaning

1. Universal 1/4" screw hole for tripod
2. Optional 3D variable cradle
3. Waterproof IP54/IPX5 full planar window

OPERATIONAL

Illumination Element	617 nm LED
Optical System	1280 x 800 CMOS
Scan Angle	56.0° horizontal; 37.0° vertical
Depth of Field	Code39 (4 mil) : 50 – 80 mm
	Code39 (5 mil) : 50 – 120 mm
	EAN 13 (13 mil) : 10 – 200 mm
	(Note : DOF may vary depending on environment condition and barcode quality.)
Min. Bar Width	4 mil (Code 39)
Print Contrast	30% @ UPC/EAN 100%
Indicator	Two-color LED (Blue & Red)
Programmable Operation	Scan mode, Beeper tone
System Interface	RS-232, USB, USB Type-C

PHYSICAL

Dimension	110.9 x 70.0 x 65.8 mm (On fixed stand)
Weight	225 g (With stand)

POWER

Input Voltage	5 VDC ±10%
Operating Current	200 mA typical

REGULATORY

EMC	CE & FCC, VCCI, BSMI, UKCA
Safety	IEC 62471

ENVIRONMENTAL

Operating Temperature	-10°C ~ 50°C (14°F ~ 122°F)
Storage Temperature	-40°C ~ 70°C (-40°F ~ 158°F)
Humidity	5% ~ 95% RH (non-condensing)
Light level	Max. 100,000 Lux (Typical 80,000 Lux)
Drop Durability	Designed to withstand 1M drops
Environmental Sealing	IPX5 / IP54
Vibration	4.45 grms, 20-2000Hz, 3 axes

DECODING CAPABILITY

1D Barcode	UPC/EAN (UPC-A / UPC-E, EAN-8 & EAN-13, ISBN (Bookland), ISSN), Code 39 (Standard, Full ASCII, Trioptic, Code 32 (italian Pharmacode), Code 128, Code 93, Codabar, 2 of 5 (interleaved 2 of 5, Discrete 2 of 5, IATA, Matric 2 of 5, Code 11), MSI Plessey, GS1 DataBard (Omnidirectional, Truncated, Stacked, Stacked Omnidirectional, Limited, Expanded, Expanded Stacked)
2D Barcode	PDF417, MicroPDF417, Composite Codes (CC-A, CC-B, CC-C), Aztec (Standard, Inverse), Maxicode, Data Matrix / ECC 200 (Standard, Inverse), QR Code (Standard, Inverse, Micro)

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Logistics

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