

ITID

TOYOTA TSUSHO ID SYSTEMS



**SPEED UP
YOUR BUSINESS**



HANDY TERMINAL
BHT-1200 3G
SERIES



Easy to operate

Easy to operate unit improves your business efficiency



Simple to operate with only one hand, even with just your thumbs

Keys are placed and arranged to enable one-handed operation



High capacity Lithium battery

Operates up to 34 hours without re-charging.



Operating System

Windows® Embedded CE 6.0 R3



Keyboard-12 functional keys

Set up frequently used functions with sufficient numbers of functional keys. You can use the product in a dark place, thanks to the key back light.



5.0 megapixel digital camera

Take a photo of defective products while inspecting

Double-functional terminal with 5.0 megapixel digital camera function. Convenient auto-focus and built-in mini size light, displayed on a HVGA colour screen.

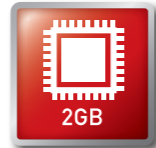


Safe and Reliable



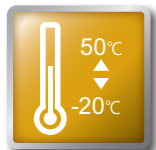
Expansion Memory

Back up RAM data in MicroSDHC (up to 32 GB)



Data backup

Flash ROM with high-capacity of 2 GB, use it without worries about the capacity



Environment

Usable in a cold storage -20°C and up to +50°C.



Durability

Cylindrical 'jacket-structure', protecting the board from impact, dust and water IP54.

Wireless and security

The stability and speed required for business-use today



Fast wireless communication

Support IEEE802.11b/g/n. High-speed communication



Prevent unauthorized access and wiretapping

Embedded with WPA/WPA2, highly reliable security technique, together with WEP



WWAN/3G HSPA

Integrates Wireless Area Network (WWAN/3G HSPA) enable workers to be always connected inside and outside.



A-GPS

Integrated A-GPS for reliable location tracking applications which allows companies to monitor vehicles.

Decoding performance

Overwhelming speed! Powerful on decoding even over long distances



400 scans in one second

Decoding speed is almost twice as fast compared to conventional laser scanners. The BHT-1200 decodes even scratched or damaged codes.



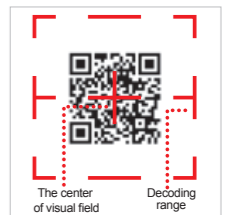
Reads the code from a long distance

Read not only codes nearby, but also codes placed about a meter away.



Improved operability with a laser beam to indicate the decoding range (2D only)

Aggressive scanning performance.



Global support system

Globally deployable



Available in more than 40 countries across the world! Total support system

Full range of service from Sales to maintenance. Approved authorised repair and service centers.



BHT-1200 series specification

		Bar code model	2D code model	2D WLAN + WWAN
		Built-in microphone receiver	Built-in microphone receiver	Built-in microphone receiver
Type	BHT-1261BWB-CE		BHT-1261QWB-CE	BHT-1261QWBG-CE
OS		Windows® Embedded CE 6.0 R3		
CPU		ARM Coretex-A8 800MHz		
Memory	RAM	Mobile DDR 512MB		
	Flash ROM	2,0GB		
Display	Number of Dots ¹	320 x 480 dots (3.5 inch HVGA)		
	Display device	Liquid crystal dot matrix display (color)		
	Back light	White LED		
Scanner	Model	Advanced scan plus (CCD)	Area sensor	
	Decode	1D code	EAN-13/-8(JAN-13/-8), UPC-A-E, UPC/EAN(Add-on embedded), Interleaved 2 of 5, Standard 2 of 5, CODABAR(NW-7), CODE39, CODE93, CODE128, GS1-128(EAN-128), MSI, GS1 DataBar(RSS)	
		2D code	-	
	Minimum resolution	1D code	0.125mm	
		2D code	-	
	Maker	-		Area guide maker
Scan Confirmation	LED in three colors: Red/green/blue, speaker, vibration			
Key input section	Number of keys	30 keys (excluding the power key) + 3 trigger keys		
Network	Wireless I/F	Frequency	IEEE802.11b/g/n(2.4GHz)	
		Network range ²	IEEE802.11b/g/n(indoor: about 150m, outdoor: about 300m)	
		Transmission speed ²	IEEE802.11b:11/5.5/2/1Mbps, IEEE802.11g:54/48/36/24/18/12/9/6Mbps, IEEE802.11n:65/58.5/52/39/26/19.5/13/6.5Mbps	
	Security	WEP40,128, WPA-PSK(TKIP, AES), WPA2-PSK(TKIP, AES), WPA-1x(TKIP, AES/EAP-TLS, PEAP), WPA2-1x(TKIP, AES/EAP-TLS, PEAP), 802.1x(EAP-TLS, PEAP)		
	Bluetooth	Bluetooth Ver2.0 + EDR based class 2		
Cradle I/F	RS-232C / USB client			
WWAN	-	-	HSPA+ (850, 900, 2100MHz)	
GPS	-	-	A-GPS	
Card slot	MicroSDHC x 1 (up to 32 GB)			
Camera	5.0 megapixel camera with automatic focusing function			
Power	Main battery	Lithium-ion battery		
	Operating time ³	Approx. 23 hours (when using the standard battery) / Approx. 34 hours (when using the high-capacity battery)	Approx. 22 hours (when using the standard battery) / Approx. 33 hours (when using the high-capacity battery)	Approx. 18 hours (when using the standard battery) / Approx. 26 hours (when using the high-capacity battery)
Additional functionality	Clock, speaker, vibration, battery voltage indicator, key back light, G-sensor, microphone receiver			
Environmental performance	Operating temperature	-20~50°C ⁴		
	Security level	IP54		
Mass (including battery, stylus pen, hand-belt) ⁵	Approx. 330g	Approx. 340g	Approx. 370g	

1: The liquid panel is made with high-precision technology. Though the number of pixels available is 99.99%, please understand that there is 0.01% chance of the display being scrambled and turned off.

2: Network range and transmission speed are logical variables and accordingly, these may vary depending on the actual environmental condition.

3: In the case of decode:wireless communication:screen update:stand by = 1:1:1:20 and LCD back light is Low, turn ON the wireless only when connected to the network and turn OFF at other times.

The operating time is for reference only at room temperature and it may vary depending on working conditions.

4: The temperature rises from 0 to 40 °C while charging.

5: The value when using the standard battery

Cradles

- CU-1233 / CU-1211 RS-232C/USB communication
Ethernet communication +
spare battery charging

Battery Options

- BT-110LA 2300 mAh standard
- BT-110L 3450 mAh high capacity

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