

WLAN Setting Barcode Print Tool User's Guide

July 4 ,2018

Ver2.10

1. Overview

1.Overview

1.1. Purpose

This tool prints out barcodes that are read by the Barcode setting tool built in Casio mobile terminals.

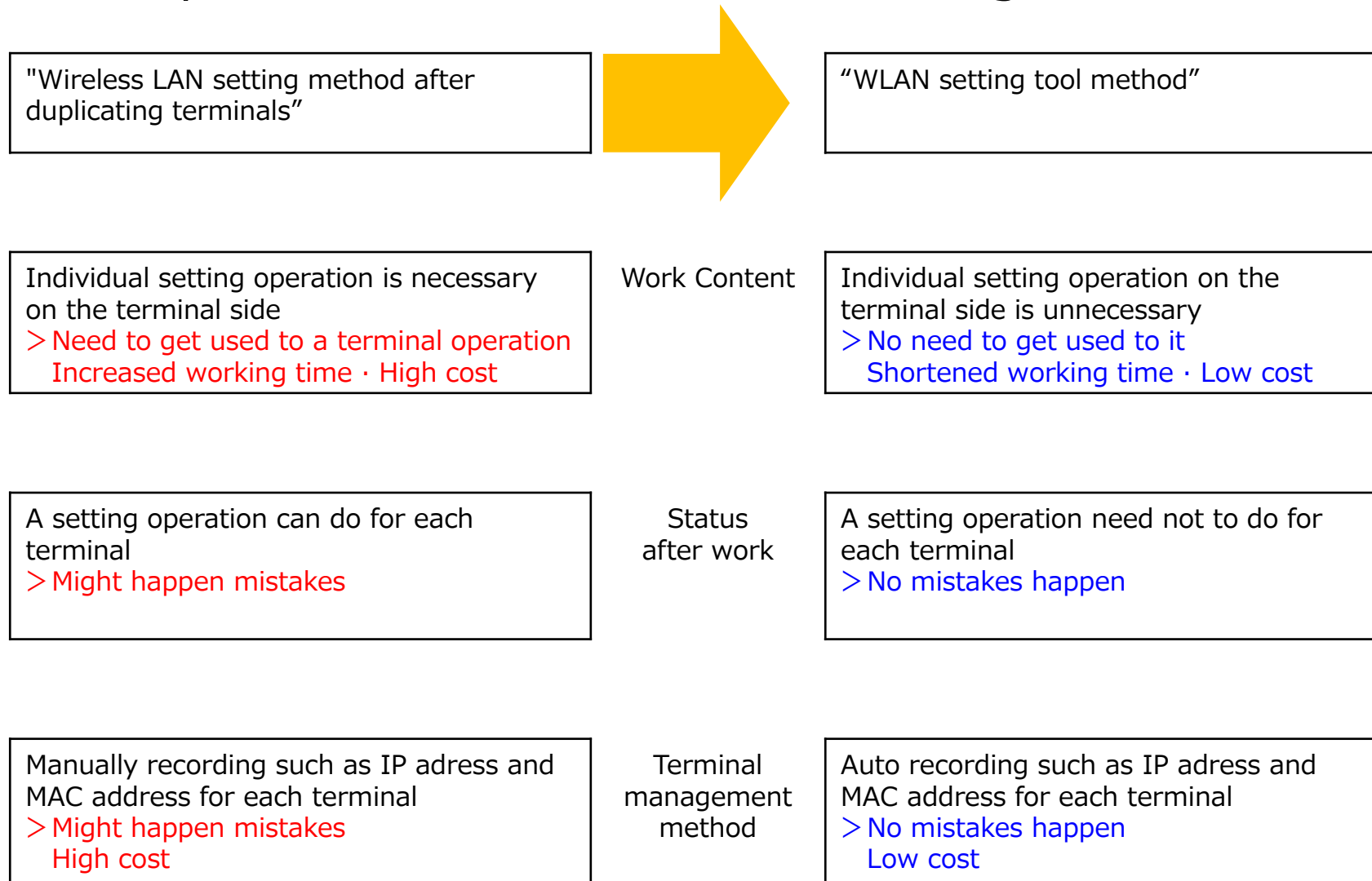
The Barcode setting tool mainly makes the following settings.

- Control panel “Owner information” (name portion only)
- Control panel “WLAN Settings”
- Mobile Module Updater connection settings

This tool can be facilitated that the terminal setup process relating network setup and module update.

1. Overview

1.2. Comparison with conventional setting



1.Overview

1.3. Constitution

A list of functions provided by this tool states bellow.

No	Fuction	Summary
1	Data construction	Construct the data to set up each terminal
2	Printing barcodes	Print out bacodes that enables the Barcode setting tool to scan the data constructed in above 1

- *The terminal scans the setting barcodes printed by this tool with the WLAN setting tool. For using 1D barcodes, the scan order is unordered.
- *MMU (Mobile Module Updater) connection setting is possible with this tool. When using MMU, Module update is done automatically after wireless setup.
- *After setup is done, the power supply turns off automatically.

1.Overview

1.4. Operating environment

The operating environment of this tool states below.

- Hardware

IBM/PC AT互換PC

- OS

Windows 7 Professional SP1(32/64bit), Windows 8.1 Pro(32/64bit),
Windows 10 Pro(32/64bit)

- Printer

Paper size: A4 portrait

Performance: Suitable for barcode printout

- Compatible region

English

- Software required

.Net Framework 3.5 or above

[Target Device]

DT-X7, DT-X8, IT-300, IT-800,
DT-X100, DT-X200, IT-G500,
IT-9000

2.Details

2.Details

2.1. Startup argument

The startup argument called by this tool is as stated below.

[WlanBarcodePrinter.exe](#) [\[Definition file\].xml](#)

[Explanation]

The definition file is loaded and started.

If the tool is started without a specified definition file, it starts without one.

In that case, the Filename Confirmation dialog box is displayed when an edited file is saved.

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2.2. Main Menu

The table below shows the content of the Main menu.

Item		Shortcuts	Function description
File(F)	New(N)	Ctrl+Shift+N	Create a new WLAN settings file.
	Open(O)	Ctrl+Shift+O	Open a WLAN settings file.
	Save(S)	Ctrl+S	Save the WLAN settings file that is currently being edited.
	Save As(A)		Save the WLAN settings file that is currently being edited, as a separate file. Subsequent editing then applies to the newly saved file.
	Import as CSV(I)		Read all setting data in a comma-delimited CSV file. Current editing data will be cleared in this operation.
	Export as CSV€		Export setting data as a comma-delimited CSV file. The edited file will not be changed in this operation.
	Print option(O)		Display the dialog for print option. In this option, you can enable/disable printing of "Terminal settings content" and "2D symbology". <i>*Each setting of the print option is valid only when "IT-G500/DT-X100/DT-X200/3.0 /4.0" is selected as the item setting of format.</i>
	Print preview(V)		Display the Print Preview screen. No action is taken if no rows have check marks for printing. If setting data is detected a defect, display an error message.
	Print(P)	Ctrl+P	Print from the default printer. No action is taken if no rows have check marks for printing. If setting data is detected a defect, display an error message.
	Recent Files(J)		Select and load up to five WLAN settings files that were previously edited. They are displayed in order from the most recent editing date.
	Exit(X)		Close the tool. If any edited file has not been saved, the Confirm Save dialog box appears.
Edit€	切り取り(T)	Ctrl+X	Copy data in selected cell, and initialize its cell.
	コピー(C)	Ctrl+C	Copy data in selected cell.
	貼り付け(P)	Ctrl+V	Paste into selected cell.
Help(H)	バージョン情報(A)		Display the version of the tool.
	ヘルプ	F1	Display this help.

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2.3. Settings editing

2.3.1 Edit screen

	Print	Format	Terminal ID	Username	IP Address	Mask	Gateway	DNS1	DNS2	WINS1	WINS2
1	<input type="checkbox"/>	1.00	0001	F1P00B13	129.1.61.29	255.255.255.0	129.1.61.200	129.1.20.171	129.1.20.172	129.1.10.190	130.1.31.11
2	<input type="checkbox"/>	1.00	0002	F1P08B14	129.1.61.30	255.255.255.0	129.1.61.200	129.1.20.171	129.1.20.172	129.1.10.190	130.1.31.11
3	<input type="checkbox"/>	1.00	0003	F3P08B14	129.1.61.30	255.255.255.0	129.1.61.200	129.1.20.171	129.1.20.172	129.1.10.190	130.1.31.11
4	<input type="checkbox"/>	1.00	0004	F1P16B15	129.1.61.31	255.255.255.0	129.1.61.200	129.1.20.171	129.1.20.172	129.1.10.190	130.1.31.11
5	<input type="checkbox"/>	1.00	0005	F1P24B16	129.1.61.32	255.255.255.0	129.1.61.200	129.1.20.171	129.1.20.172	129.1.10.190	130.1.31.11
6	<input type="checkbox"/>	1.00	0006				129.1.61.200	129.1.20.171	129.1.20.172	129.1.10.190	130.1.31.11
7	<input type="checkbox"/>	1.00	0007				129.1.61.200	129.1.20.171	129.1.20.172	129.1.10.190	130.1.31.11
8	<input type="checkbox"/>	1.00	0008	F1P32B17	129.1.61.35	255.255.255.0	129.1.61.200	129.1.20.171	129.1.20.172	129.1.10.190	130.1.31.11
9	<input type="checkbox"/>	1.00	0009	F1PxxBxx	129.1.61.36	255.255.255.0	129.1.61.200	129.1.20.171	129.1.20.172	129.1.10.190	130.1.31.11
10	<input type="checkbox"/>	1.00	0010	F1P40B18	129.1.61.36	255.255.255.0	129.1.61.200	129.1.20.171	129.1.20.172	129.1.10.190	130.1.31.11
11	<input type="checkbox"/>	1.00	0011	F1PxxBxx	129.1.61.37	255.255.255.0	129.1.61.200	129.1.20.171	129.1.20.172	129.1.10.190	130.1.31.11
12	<input type="checkbox"/>	1.00	0012	F1P48B19	129.1.61.37	255.255.255.0	129.1.61.200	129.1.20.171	129.1.20.172	129.1.10.190	130.1.31.11
13	<input type="checkbox"/>	1.00	0013	F1P56B20	129.1.61.38	255.255.255.0	129.1.61.200	129.1.20.171	129.1.20.172	129.1.10.190	130.1.31.11

No	Item	Description
1	Common title	This is the common title to be printed with all barcodes printed from the list. One can be set for each definitions file. See 3 "Terminal Settings barcode printout format" for the actual printed appearance.
2	List of Settings	Click in the title label area to sort in ascending or descending order. Refer to 2.3.3 "Details of Settings" for details on each setting.

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2.3. Settings editing

2.3.2 Settings context menu

This is the content of the context menu that is displayed by right clicking on “List of Settings.”

Item	Description
Cut(T)	The selected cell is stored on the clipboard as CSV data. The default value of its cell will be set if selected cell has default value. If a row is selected, data of a row is stored on the clipboard, and its row is deleted. If multiple cells including a row are selected, data with comma-delimiter is stored on the clipboard.
Copy©	The selected cell is stored on the clipboard as CSV data. If a row is selected, the row content is stored on the clipboard as CSV data.
Paste(P)	The content of the clipboard is written into selected cell. Consistency between the clipboard content and the cell is not guaranteed at that stage. If the content of a row is pasted, the row is inserted at the selected position.
Insert Row(I)	A row is added above the selected position.
Add Row(A)	A row is added bottom position.
Same to top item(Y)	If multiple cells in a single column are selected, the content of the top cell is applied to all cells.
Serial from top(T)	If multiple cells in a single column are selected, they are filled with consecutive numbers following on from the content of the top cell. (IP,Terminal ID only)

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2.3. Settings editing

2.3.3 Details of Settings

The table below presents the WLAN setting items that are set for each terminal.
These are the setting screen item numbers for the WLAN setting tool on the terminal side.

No	Diagram No.	Item	Attribute	Description	Character restrictions
1	-	Print	Check	Select the terminal under File - Print Preview or Print.	-
2	-	Format	Pulldown	Select the following sheet format to print out. <i>* For details, refer to "3.Terminal Settings barcode printout format".</i>	-
3	-	Terminal name	String	This is ID to look up the barcode sheet printed for each target terminal to set up, and this is printed with barcodes on the sheet.	Any 64 characters
4	1	User name	String	This is the name recorded in the terminal's user information.	Up to 16 alphanumeric characters and simple characters (codes:0x20~0x7e)
5	2	IPAddress	String	This is the IP address for wireless LAN. Specify four base-10 numbers separated by periods. Example: 128.1.1.50 If the input number cannot be recognized as an IP address, or if it is left blank, the address is set by DHCP.	Number + period Up to 15 characters
6	3	Mask	String	This is the subnet mask for wireless LAN. Specify four base-10 numbers separated by periods. Example: 255.255.255.0 If the input number cannot be recognized as an IP address, or if it is left blank, the address is set 255.255.255.0. It cannot be input when DHCP is used. (Even if no input is possible, the previously input number is maintained. However, it will not be printed).	Number + period Up to 15 characters
7	4	Gateway	String	This is the default gateway address for wireless LAN. Specify four base-10 numbers separated by periods. Example: 128.1.1.1 If the input number cannot be recognized as an IP address, or if it is left blank, there is no setting. It cannot be input when DHCP is used. (Even if no input is possible, the previously input number is maintained. However, it will not be printed).	Number + period Up to 15 characters
8	5	DNS1	String	This is the DNS1 address for wireless LAN. Specify four base-10 numbers separated by periods. Example: 128.1.1.1 If the input number cannot be recognized as an IP address, or if it is left blank, there is no setting.	Number + period Up to 15 characters
9	6	DNS2	String	This is the DNS2 address for wireless LAN. Specify four base-10 numbers separated by periods. Example: 128.1.1.1 If the input number cannot be recognized as an IP address, or if it is left blank, there is no setting.	Number + period Up to 15 characters
10	7	WINS1	String	This is the WINS1 address for wireless LAN. Specify four base-10 numbers separated by periods. Example: 128.1.1.1 If the input number cannot be recognized as an IP address, or if it is left blank, there is no setting.	Number + period Up to 15 characters
11	8	WINS2	String	This is the WINS2 address for wireless LAN. Specify four base-10 numbers separated by periods. Example: 128.1.1.1 If the input number cannot be recognized as an IP address, or if it is left blank, there is no setting.	Number + period Up to 15 characters
12	9	SSID	String	This is the SSID of the access point the terminal connects to via WLAN.	Up to 16 alphanumeric characters and simple characters (codes:0x20~0x7e)
13	10	Ad-hoc	Check	Specify whether the access point specified under SSID is ad hoc.	-

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2.3. Settings editing

2.3.3 Details of Settings

No	Diagram No.	Item	Attribute	Description	Character restrictions
14	11	Security	Pulldown	<p>Select the access point security type from the following options:</p> <p>1.無効 2.WEP(128bit)+OPEN 3.WEP(128bit)+共有 4.WEP(128bit)+EAP-MD5 5.WEP(64bit)+OPEN 6.WEP(64bit)+共有 7.WEP(64bit)+EAP-MD5 8.WEP+EAP-PEAP 9.WEP+EAP-TLS 10.WPA+PSK 11.WPA+EAP-PEAP 12.WPA+EAP-TLS 13.WPA2+PSK 14.WPA2+EAP-PEAP 15.WPA2+EAP-TLS 16.[SUP]Open+None 17.[SUP]Open+WEP 18.[SUP]Shared+WEP 19.[SUP]802.1X+WEP-FAST-MSCHAPv2 20.[SUP]802.1X+WEP-FAST-GTC 21.[SUP]802.1X+WEP-LEAP 22.[SUP]802.1X+WEP-PEAPv0-MSCHAPv2 23.[SUP]802.1X+WEP-PEAPv1-MSCHAPv2 24.[SUP]802.1X+WEP-PEAPv1-GTC 25.[SUP]802.1X+WEP-TLS 26.[SUP]802.1X+WEP-TTLS-MD5 27.[SUP]802.1X+WEP-TTLS-MSCHAPv2 28.[SUP]802.1X+WEP-TTLS-GTC 29.[SUP]WPA-Personal (PSK)+AES 30.[SUP]WPA-Personal (PSK)+TKIP 31.[SUP]WPA-Personal (PSK)+TKIP+AES 32.[SUP]WPA-Enterprise (EAP)+AES-FAST-MSCHAPv2 33.[SUP]WPA-Enterprise (EAP)+AES-FAST-GTC 34.[SUP]WPA-Enterprise (EAP)+AES-LEAP 35.[SUP]WPA-Enterprise (EAP)+AES-PEAPv0-MSCHAPv2 36.[SUP]WPA-Enterprise (EAP)+AES-PEAPv1-MSCHAPv2 37.[SUP]WPA-Enterprise (EAP)+AES-PEAPv1-GTC 38.[SUP]WPA-Enterprise (EAP)+AES-TLS 39.[SUP]WPA-Enterprise (EAP)+AES-TTLS-MD5 40.[SUP]WPA-Enterprise (EAP)+AES-TTLS-MSCHAPv2 41.[SUP]WPA-Enterprise (EAP)+AES-TTLS-GTC 42.[SUP]WPA-Enterprise (EAP)+TKIP-FAST-MSCHAPv2 43.[SUP]WPA-Enterprise (EAP)+TKIP-FAST-GTC 44.[SUP]WPA-Enterprise (EAP)+TKIP-LEAP 45.[SUP]WPA-Enterprise (EAP)+TKIP-PEAPv0-MSCHAPv2 46.[SUP]WPA-Enterprise (EAP)+TKIP-PEAPv1-MSCHAPv2 47.[SUP]WPA-Enterprise (EAP)+TKIP-PEAPv1-GTC 48.[SUP]WPA-Enterprise (EAP)+TKIP-TLS 49.[SUP]WPA-Enterprise (EAP)+TKIP-TTLS-MD5 50.[SUP]WPA-Enterprise (EAP)+TKIP-TTLS-MSCHAPv2 51.[SUP]WPA-Enterprise (EAP)+TKIP-TTLS-GTC 52.[SUP]WPA-Enterprise (EAP)+TKIP+AES-FAST-MSCHAPv2 53.[SUP]WPA-Enterprise (EAP)+TKIP+AES-FAST-GTC 54.[SUP]WPA-Enterprise (EAP)+TKIP+AES-LEAP 55.[SUP]WPA-Enterprise (EAP)+TKIP+AES-PEAPv0-MSCHAPv2 56.[SUP]WPA-Enterprise (EAP)+TKIP+AES-PEAPv1-MSCHAPv2 57.[SUP]WPA-Enterprise (EAP)+TKIP+AES-PEAPv1-GTC 58.[SUP]WPA-Enterprise (EAP)+TKIP+AES-TLS 59.[SUP]WPA-Enterprise (EAP)+TKIP+AES-TTLS-MD5 60.[SUP]WPA-Enterprise (EAP)+TKIP+AES-TTLS-MSCHAPv2 61.[SUP]WPA-Enterprise (EAP)+TKIP+AES-TTLS-GTC 62.[SUP]WPA2-Personal (PSK)+AES 63.[SUP]WPA2-Personal (PSK)+TKIP 64.[SUP]WPA2-Personal (PSK)+TKIP+AES 65.[SUP]WPA2-Enterprise (EAP)+AES-FAST-MSCHAPv2 66.[SUP]WPA2-Enterprise (EAP)+AES-FAST-GTC 67.[SUP]WPA2-Enterprise (EAP)+AES-LEAP 68.[SUP]WPA2-Enterprise (EAP)+AES-PEAPv0-MSCHAPv2 69.[SUP]WPA2-Enterprise (EAP)+AES-PEAPv1-MSCHAPv2 70.[SUP]WPA2-Enterprise (EAP)+AES-PEAPv1-GTC 71.[SUP]WPA2-Enterprise (EAP)+AES-TLS 72.[SUP]WPA2-Enterprise (EAP)+AES-TTLS-MD5 73.[SUP]WPA2-Enterprise (EAP)+AES-TTLS-MSCHAPv2 74.[SUP]WPA2-Enterprise (EAP)+AES-TTLS-GTC 75.[SUP]WPA2-Enterprise (EAP)+TKIP-FAST-MSCHAPv2 76.[SUP]WPA2-Enterprise (EAP)+TKIP-FAST-GTC 77.[SUP]WPA2-Enterprise (EAP)+TKIP-LEAP 78.[SUP]WPA2-Enterprise (EAP)+TKIP-PEAPv0-MSCHAPv2 79.[SUP]WPA2-Enterprise (EAP)+TKIP-PEAPv1-MSCHAPv2 80.[SUP]WPA2-Enterprise (EAP)+TKIP-PEAPv1-GTC 81.[SUP]WPA2-Enterprise (EAP)+TKIP-TLS 82.[SUP]WPA2-Enterprise (EAP)+TKIP-TTLS-MD5 83.[SUP]WPA2-Enterprise (EAP)+TKIP-TTLS-MSCHAPv2 84.[SUP]WPA2-Enterprise (EAP)+TKIP-TTLS-GTC 85.[SUP]WPA2-Enterprise (EAP)+TKIP+AES-FAST-MSCHAPv2 86.[SUP]WPA2-Enterprise (EAP)+TKIP+AES-FAST-GTC 87.[SUP]WPA2-Enterprise (EAP)+TKIP+AES-LEAP 88.[SUP]WPA2-Enterprise (EAP)+TKIP+AES-PEAPv0-MSCHAPv2 89.[SUP]WPA2-Enterprise (EAP)+TKIP+AES-PEAPv1-MSCHAPv2 90.[SUP]WPA2-Enterprise (EAP)+TKIP+AES-PEAPv1-GTC 91.[SUP]WPA2-Enterprise (EAP)+TKIP+AES-TLS 92.[SUP]WPA2-Enterprise (EAP)+TKIP+AES-TTLS-MD5 93.[SUP]WPA2-Enterprise (EAP)+TKIP+AES-TTLS-MSCHAPv2 94.[SUP]WPA2-Enterprise (EAP)+TKIP+AES-TTLS-GTC</p> <p>If a model not equipped with WPA2 is set to 13, 14 or 15, it may not function as intended, so care is required. In case of changing Security, re-input Key and so on. Select items marked as [SUP] can be set with format 4.0 or above.</p>	-

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2.3. Settings editing

2.3.3 Details of Settings

No	Diagram No.	Item	Attribute	Description	Character restrictions
15	12	KEY	String	This is the key corresponding to the SSID. Input is possible if the security type is set to 2, 3, 4, 5, 6, 7, 10 or 13. The existing input content is erased if the security type is changed.	The number of characters is different for each security type [2, 3, 4] Hexadecimal uppercase characters* up to 26 characters [5, 6, 7] Hexadecimal uppercase characters, up to 10 characters [10, 13] Alphanumeric uppercase characters, up to 64 characters * HEX characters The characters A-F and 0-9 used to express numbers in base 16
16	13	Index	Pulldown	This is the key index. Input is possible if the security type is set to 2, 3, 4, 5, 6 or 7. (Even if no input is possible, the previously input number is maintained. However, it will not be printed).	-
17	14	EAPUserName	String	This is the user name used for EAP authentication. Input is possible if the security type is set to 4, 7, 8, 9, 10, 11, 12, 14 or 15. (Even if no input is possible, the previously input number is maintained. However, it will not be printed). *This item is not available under WindowsMobile.	Up to 16 alphanumeric characters and simple characters (codes:0x20~0x7e)
18	15	EAPPassword	String	Password for an EAP user. Input is possible if the security type is set to 4, 7, 8, 11 or 14. (Even if no input is possible, the previously input number is maintained. However, it will not be printed). *This item is not available under WindowsMobile.	Up to 8 alphanumeric characters and simple characters (codes:0x20~0x7e)
19	16	EAPCertificate	String	Certificate name for an EAP user. Input is possible if the security type is set to 9, 12 or 15. (Even if no input is possible, the previously input number is maintained. However, it will not be printed). *This item is not available under WindowsMobile.	Up to 16 alphanumeric characters and simple characters (codes:0x20~0x7e)
20	17	EAPDomain	String	The domain to use for EAP authentication. Input is possible if the security type is set to 4, 7, 8, 9, 10, 11, 12, 14 or 15. (Even if no input is possible, the previously input number is maintained. However, it will not be printed). *This item is not available under WindowsMobile.	Up to 16 alphanumeric characters and simple characters (codes:0x20~0x7e)
21	18	EAPDoCertify	Check	The flag for EAP authentication enabled. Input is possible if the security type is set to 4, 7, 8, 9, 11, 12, 14 or 15. (Even if no input is possible, the previously input number is maintained. However, it will not be printed). *This item is not available under WindowsMobile.	-
22	-	EAPAnonID	String	The domain to use for EAP authentication. Input is possible if the security type is set to 19,20,22,23,24,25,26,27,28,32,33,35,36,37,38,39,40,41,42,43,45,46,47,48,49,50,51,52,53,55,56,57,58,59,60,61,65,66,68,69,70,71,72,73,74,75,76,78,79,80,81,82,83,84,85,86,88,89,90,91,92,93 or 94.	-
23	-	EAPTunnelPAC	String	The domain to use for EAP authentication. Input is possible if the security type is set to 19,20,32,33,42,43,52,53,65,66,75,76,85 or 86.	-
24	-	EAPMachinePAC	String	The domain to use for EAP authentication. Input is possible if the security type is set to 19,20,32,33,42,43,52,53,65,66,75,76,85 or 86.	-
25	-	EAPProvision	Pulldown	The domain to use for EAP authentication. Input is possible if the security type is set to 19,20,32,33,42,43,52,53,65,66,75,76,85 or 86.	-
26	-	MMUConnection	Pulldown	Select the connection method for the module update tool from the following options: 1. Do not use 2. File sharing 3. FTP 4. HTTP	-
27	-	MMUURL	String	The module update server URL. If FTP is selected with the MMU connection type, Access ftp://[MMUURL]. Input is possible when the MMU connection method is 2 or 3. (Even if no input is possible, the previously input number is maintained. However, it will not be printed).	Up to 192 alphanumeric characters and simple (codes:0x20~0x7e)
28	-	MMUAccount	String	The module update server connection account. If blank, the connection is made as "anonymous". Input is possible when the MMU connection method is 2 or 3. (Even if no input is possible, the previously input number is maintained. However, it will not be printed).	Up to 16 alphanumeric characters
29	-	MMUPasseord	String	Password for the MMU account. Input is possible when the MMU connection method is 2 or 3. (Even if no input is possible, the previously input number is maintained. However, it will not be printed).	Up to 8 alphanumeric characters

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2.3. Settings editing

2.3.3 Details of Settings

No	Diagram No.	Item	Attribute	Description	Character restrictions
30	19	Power	Check	Turns the wireless power supply on and off.	-
31	20	Power Saving	Check	Turns the wireless module power saving setting on and off.	-
32	21	Standard	Pulldown	Select the wireless standard from the options below: 1. 11b 2. 11b/g 3. 11a 4. 11abg 5. 11bgn 6. 11a/n 7. 11abgn 3 and 4 are available if you have selected the 2.0 or "DT-5300(11a model)", or "IT-800(11a model)". 5, 6, 7 are available if you have selected the 3.0 or "IT-G500" or "DT-X100" or "DT-X200".	-
33	22	RSSI	String	This is the RSSI level at which to start roaming. The default value is 78. If a value outside the range is input, the default value is restored at the confirmation stage.	Integer in the range 1-200
34	23	Scan channel (11b/g)	String	List the scan channels for 11b/g, separated by commas, from among the scan channels 1-14.	-
35	24	Scan channel (11a)	String	List the scan channels for 11a, separated by commas, from among the scan channels 36-140. When [Format] is 1.0, this item is disabled.	-
36	25	MaxScanTime	String	This is the maximum scanning period per channel (ms). The default value is 105. If a value outside the range is input, the default value is restored at the confirmation stage.	Integer in the range 20-1000
37	26	AvailableTime	String	After one success in roaming, this is the interval before the next roaming action starts (seconds). The default value is 15s. If a value outside the range is input, the default value is restored at the confirmation stage.	Integer in the range 1-120
38	27	RssiSpan	String	When the start of roaming is identified, this is the minimum field strength difference between the roaming candidate access point and the currently connected access point (in dB). The default value is 1. If a value outside the range is input, the default value is restored at the confirmation stage.	Integer in the range 1-10
39	28	PreferredFreqBand	Pulldown	Select PreferredFreqBand. The value to be added to the roaming reference value when connecting the priority frequency."Not Spe	-
40	29	PreferredFreqBandLevel	String	The value to be added to the roaming reference value when connecting the priority frequency.br> The default value is 0. If a value outside the range is input, the default value is restored at the confirmation stage.	Integer in the range 0-78
41	-	LAN IPAddress	String	This is the IP address for wired LAN. Specify four base-10 numbers separated by periods. Example: 128.1.1.50 If the input number cannot be recognized as an IP address, or if it is left blank, the address is set by DHCP.	Number + period Up to 15 characters
42	-	LAN Mask	String	This is the IP mask for wired LAN. Specify four base-10 numbers separated by periods. Example: 255.255.255.0 If the input number cannot be recognized as an IP address, or if it is left blank, the address is set 255.255.255.0. It cannot be input when DHCP is used. (Even if no input is possible, the previously input number is maintained. However, it will not be printed).	Number + period Up to 15 characters
43	-	LAN Gateway	String	This is the default gateway address for wired LAN. Specify four base-10 numbers separated by periods. Example: 128.1.1.1 If the input number cannot be recognized as an IP address, or if it is left blank, there is no setting. It cannot be input when DHCP is used. (Even if no input is possible, the previously input number is maintained. However, it will not be printed).	Number + period Up to 15 characters
44	-	LAN DNS1	String	This is the DNS1 address for wired LAN. Specify four base-10 numbers separated by periods. Example: 128.1.1.1 If the input number cannot be recognized as an IP address, or if it is left blank, there is no setting.	Number + period Up to 15 characters
45	-	LAN DNS2	String	This is the DNS2 address for wired LAN. Specify four base-10 numbers separated by periods. Example: 128.1.1.1 If the input number cannot be recognized as an IP address, or if it is left blank, there is no setting.	Number + period Up to 15 characters
46	-	LAN WINS1	String	This is the WINS1 address for wired LAN. Specify four base-10 numbers separated by periods. Example: 128.1.1.1 If the input number cannot be recognized as an IP address, or if it is left blank, there is no setting.	Number + period Up to 15 characters
47	-	LAN WINS2	String	This is the WINS2 address for wired LAN. Specify four base-10 numbers separated by periods. Example: 128.1.1.1 If the input number cannot be recognized as an IP address, or if it is left blank, there is no setting.	Number + period Up to 15 characters

2.Details

2.3. Settings editing

2.3.3 Details of Settings

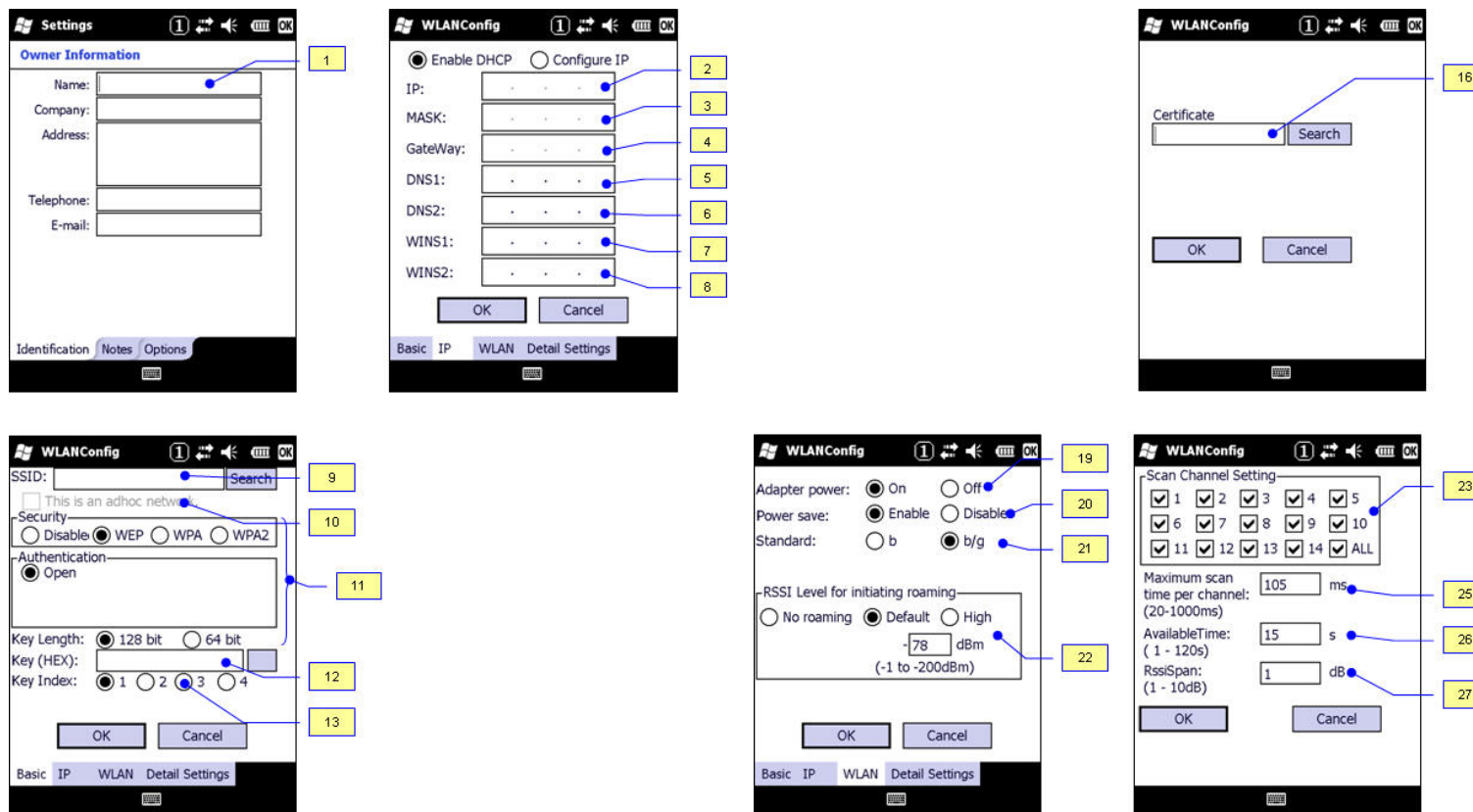
No	Diagram No.	Item	Attribute	Description	Character restrictions
48	-	Entry name	String	This is the name used to identify the WAN connection.	Number + period Up to 16 characters
49	-	APN	String	This is the name of the access point for the WAN connection.	Number + period Up to 164 characters
50	-	APNUserName	String	This is the user name used for connection to APN.	Number + period Up to 64 characters
51	-	APNUserPassword	String	This is the password used for connection to APN.	Number + period Up to 128 characters
52	-	APNCertificate	Pulldown	Select the APN certification from the options below: 1. None 2. PAP 3. CHAP	-
53	-	CTM Server IP	String	Not available	-
54	-	CTM Server Port	String	Not available	-
No. 12 SSID ~ No.25 Up to three wireless LAN connection setting groups of EAPProvision can be set.					

2.Details

2.3. Settings editing

2.3.4 Table of WLAN Settings and corresponding terminal WLAN setting tool screens

The terminal Settings for this tool and the corresponding setting screens on the terminal “WLAN setting tool” and “Owner Informations” are as shown below. Numbers are the diagram key numbers shown in 2.3.3 “Details of Settings”.



3.Format

3.Format

3. Terminal Settings barcode printout format

Printing follows the format below if [File]-[Print] or [Print preview] is selected.

- Paper :
A4 portrait
- Barcode Standard :
Code128, QRコード※
- Print Layout :
Refer as of next pages

※ Service Pack 1.08 or above

3.Format

3.1. Format 1.0 and 2.0

WLAN Parameters 2010/6/23 9:58 ①

Sample Sheet ②

TerminalID : 001 ③

Barcode Num : 1 to 21

File format : 1.00
 SSID : CASIO SP
 Ad-Hoc : Disable
 Security : WPA2+PSK
 Key : *****
 Key Index : EAPUserNam
 EAPPassword : EAPCertify :
 EAPDomain :
 EAPCertify :
 Power : ON
 PowerSave : ON
 Standard : 11b/g

RSSI Level : -79dBm
 MaxScanTime : 105ms
 AvailableTime : 15s
 RSSISpan : 1dB
 Scan Channel : 1,2,3,4,5,6,7,8,9,10,11,12,13,14

[Target devices]

DT-X7/DT-X8/IT-300/IT-800/IT-9000

The specifications of each format version is below.

- **Format 1.0 : IEEE 802.11b/g corresponding model**
 It's models are DT-X7, DT-X8, IT-300, IT-800, IT-9000.
- **Format 2.0 : IEEE 802.11a corresponding model**
 It's models are IT-800 corresponded IEEE802.11a.

No	Item	Description
1	Date and time page	Print start date and time YYYY/MM/DD HH:mm Page No.
2	Common title	Common title text from "Edit screen"
3	Terminal ID.	Terminal ID. for 2.3.2 "Details of WLAN Settings"
4	Terminal Settings barcode	Settings contents converted to barcode form.
5	Terminal settings content	Settings content. EAP password, EAP certificate and MMU password, SSID key(KEY/KEY2/KEY3), are hidden by asterisks, if their settings are valid, regardless of their content.

3.Format

3.2. Format 3.0

Sample ② TerminalID : 0056 ③ 2015/4/22 18:54 ①
Page:1/1

no.01 [Barcode] no.20 [Barcode]
no.02 [Barcode] no.21 [Barcode]
no.03 [Barcode] no.22 [Barcode]
no.04 [Barcode] no.23 [Barcode]
no.05 [Barcode] no.24 [Barcode]
no.06 [Barcode] no.25 [Barcode]
no.07 [Barcode] no.26 [Barcode]
no.08 [Barcode]
no.09 [Barcode]
no.10 [Barcode]
no.11 [Barcode]
no.12 [Barcode]
no.13 [Barcode]
no.14 [Barcode]
no.15 [Barcode]
no.16 [Barcode]
no.17 [Barcode]
no.18 [Barcode]
no.19 [Barcode]

File format : Standard : 11b/g Lan DNS2:129.120.172
DT-X100/DT-X200/IT-G500 SSID:SSID_1234567890 Lan WINS1:129.110.190
UserName : FJN256831 Ad-Hook : Disable Lan WINS2:120.131.11
IP Address : 129.1.61.100 Security : WPA2+PSK RSSI Level : -78dBm
SubnetMask : 255.255.255.0 KEY:***** MaxScanTime : 105ms
DefaultGateway : 129.1.61.200 0 RSISpan:10B AvailableTime:15s
DNS1:129.120.171 EA Name : ScanChannel :
DNS2:129.120.172 KeyIndex : 1,2,3,4,5,6,7,8,9,10,11,12,1
WINS1:129.110.190 EAPCertify : 3,14
WINS2:120.131.11 EAPDomain : ScanChannel 11a :
MMUConnection : Not Use Lan IP Address :129.1.61.101 36,40,44,48,52,56,60,64,100,
MMUURL : Lan SubnetMask :255.255.255.0 104,108,112,116,120,124,128,
MMUAccount : 0 Lan DefaultGateway :129.1.61 132,136,140
MMUPassword : 200
Power : ON Lan DNS1:129.120.171
PowerSave : ON

Sample QR Code TerminalID : 1234567890123456Sample 2017/8/9 11:3
Page:1/1

[QR Code]

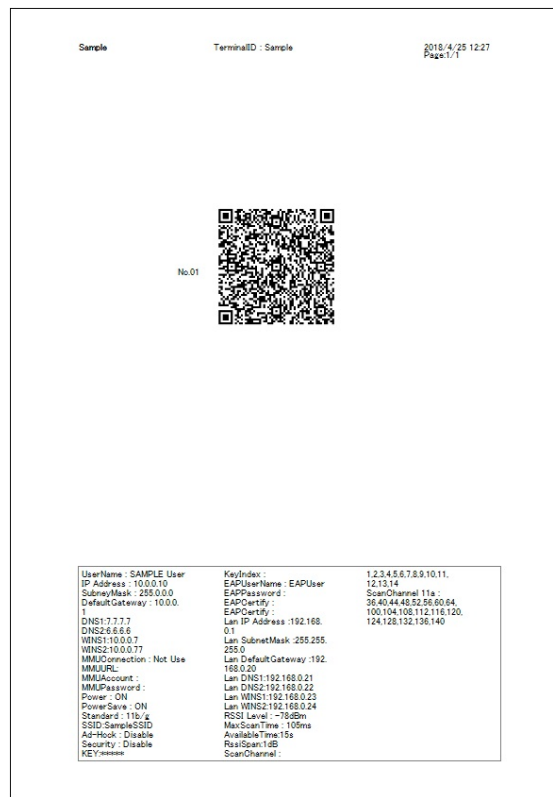
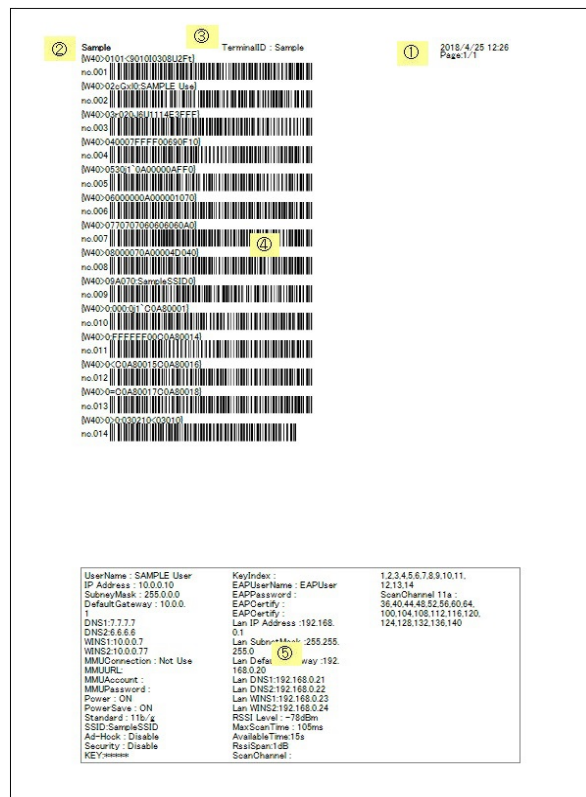
File format : PowerSave : ON 255
DT-X100/DT-X200/IT-G500 Standard : 11b/g Lan DefaultGateway :255.255.
UserName : ABCDEF0123456789012345 255.255
WLAN IP Address : DHCP Ad-Hook : Enable Lan DNS1:255.255.255.255
SubnetMask : Security : WEP(128bit)+WAP-M Lan DNS2:255.255.255.255
WLAN DefaultGateway : 05 Lan WINS1:255.255.255.255
DNS1:255.255.255.255 KEY:***** Lan WINS2:255.255.255.255
DNS2:255.255.255.255 KeyIndex : 1 WAN EntryName :A12345678901234
WINS1:255.255.255.255 EAPUserName : 12345678901234 249
WINS2:255.255.255.255 58 APN :
MMUConnection : Share EAPPassword : ***** A123456789012345@domain.jp
MMUURL :***** EAPCertify : APNUserName :
MMUURL :***** EAPDomain :A123456789012345 A123456789012345
MMUAccount : 123456789012345 EAPPassword : ***** APNPassword :*****
MMUPassword : ***** Lan IP Address :255.255.255.255 RSSI Level : -78dBm
Power : ON Lan SubnetMask :255.255.255.255 MaxScanTime :105ms
RSISpan:10B AvailableTime:15s

[Target devices]
DT-X100/DT-X200/IT-G500

No	Item	Description
1	Date and time page	Print start date and time YYYY/MM/DD HH:mm Page No.
2	Common title	Common title text from "Edit screen"
3	Terminal ID.	Terminal ID. for 2.3.2 "Details of Settings"
4	Terminal Settings barcode	Terminal settings contents converted to barcode form.
5	Terminal settings content	Terminal settings content. EAP password, EAP certificate and MMU password, Key, SSID key(KEY/KEY2/KEY3), APNUserPassword are hidden by asterisks, if their settings are valid, regardless of their content.

3.Format

3.3. Format 4.0



[Taget devices]
DT-X100/DT-X200/IT-G500

You must select Format 4.0 when you need to use the security of extended supplicant settings for DT-X100/DT-X200/IT-G500.

When you select a model name, DT-X100 or DT-X200 or IT-G400, as the item of format, Format 4.0 will be selected automatically.

No	Item	Description
1	Date and time page	Print start date and time YYYY/MM/DD HH:mm Page No.
2	Common title	Common title text from "Edit screen"
3	Terminal ID.	Terminal ID. for 2.3.2 "Details of Settings"
4	Terminal Settings barcode	Terminal settings contents converted to barcode form.
5	Terminal settings content	Terminal settings content. EAP password, EAP certificate and MMU password, Key, SSID key(KEY/KEY2/KEY3), APNUserPassword are hidden by asterisks, if their settings are valid, regardless of their content.

4. Notices

4. Notices

1. The item of format

You can set which is model name or format 1.0 ~ 4.0, but if you select by model name, the latest format version on that model will be applied automatically.

2. When using the security settings for extended supplicant, it is necessary to install Service Pack 1.10 or above to the terminal.

3. When you set into the item of format below, you should not use to set "WPA2+EAP-TLS".

DT-X100/DT-X200/IT-G500/4.0

When you need to set "WPA2+EAP-TLS" with the item of security for DT-X100/DT-X200/IT-G500, you have to set "Format Version 3.0" into the item of format.

4. It is recommended to confirm by setting save and print preview function before bar code printing after settings or setting change with this tool.

If the setting or setting change contents are not reflected in the print preview, Please restart this tool, reload the setting save file(".Xml") and check again.

End