

JSON Specifications Sheet

M00141208
Rev.I

JSON Specifications

This explains the JSON format specifications used in the following APIs for Epson ePOS SDK for Android and Epson ePOS SDK for iOS.

- setPrinterSettingEx
- setGetPrinterSettingExListener/setGetPrinterSettingExDelegate

RW: Read Write (settings can be acquired and changed)
RO: Read Only (settings can only be acquired)

Key Info				Value Info			Remarks
1	2	3	4	Description	Attribute	List and explanation of set values	
FormatName				Format name	RW	TM genre printer information format "TM-Form"	
Rev				Information format management number (data structure changes managed as Rev)	RW	TM genre printer information format revision number "1"	
PrinterSpec				Printer specifications information			
	Product			Product information			
		SerialNo		Serial number	RO	Serial number (values that can be acquired with the GS I 68 command)	
	Spec			Specifications information			
		Language		Multilingual font name	RO	Currently selected multilingual font name (Values that can be acquired with the GS I 69 command)	
		PaperWidth		Paper width (mm)	RO	"80": 80 mm Paper width setting	
						"76": 76 mm Paper width setting	
						"69.5": 69.5 mm Paper width setting	
						"58": 58 mm Paper width setting	
						"57.5": 57.5 mm Paper width setting	
						"40": 40 mm Paper width setting	
		HeadDpi		Head specifications (dpi)	RO	Mechanical resolution of the thermal print head	
Setting				Setting			
	AutoCut			Cutter-related			
		CutAfterPaperset		Paper automatic cut at cover close (GS (E fn = 5, a = 100)	RW	"Invalid": Does not cut, "Valid": Cuts	
	Buzzer			Buzzer function			
		Select		Buzzer functionSelection of valid buzzer (GS (E fn = 5, a = 119)	RW	"Invalid": Invalid, "Valid": Valid	
	Command			Command-related functions			
		AutoCR		Automatic line feeding (MSW1-5 or DSW1-1) Cannot be changed if parallel interface is installed. [Related items] PrinterSpec/Interface/UIB	RW	"Invalid": Normally disabled (MSW1-5 OFF) "Valid": Normally enabled (MSW1-5 ON)	

Key Info				Value Info			Remarks
1	2	3	4	Description	Attribute	List and explanation of set values	
	Interface			Interface-related settings			
		USB		USB-related functions (GS (E fn=15)			
			NetworkTethering	Enable/disable the network tethering function.	RW	Disable: disable iOS: Settings for iOS Android: Settings for Android Windows: Settings for Windows	
		USB2LAN					
			Active	Enable/disable USB2LAN		"OFF": USB2LAN disable "ON": USB2LAN enable	
	Print			Print-related settings			
		Density		Print density (GS (E fn = 5, a = 5)	RW	"DIPSW": In accordance with DIP switch settings	
						"70%": 70%	
						"75%": 75%	
						"80%": 80%	
						"85%": 85%	
						"90%": 90%	
						"95%": 95%	
						"100%": 100%	
						"105%": 105%	
						"110%": 110%	
						"115%": 115%	
						"120%": 120%	
						"125%": 125%	
						"130%": 130%	

Key Info				Value Info			Remarks
1	2	3	4	Description	Attribute	List and explanation of set values	
		Speed		Print speed (GS (E fn = 5, a = 6)	RW	"Level1": Print speed level 1 "Level2": Print speed level 2 "Level3": Print speed level 3 "Level4": Print speed level 4 "Level5": Print speed level 5 "Level6": Print speed level 6 "Level7": Print speed level 7 "Level8": Print speed level 8 "Level9": Print speed level 9 "Level10": Print speed level 10 "Level11": Print speed level 11 "Level12": Print speed level 12 "Level13": Print speed level 13 "Level14": Print speed level 14 "Level15": Print speed level 15 "Level16": Print speed level 16 "Level17": Print speed level 17	
		ColumnEmulation		Number of columns emulation (GS (E fn = 5, a = 11)	RW	"Standard": Standard column mode "48/34": 48/34 column mode "48¥/34": 48/34 column mode (with ¥ symbol) "48/36": 48/36 column mode "48¥/36": 48/36 column mode (with ¥ symbol) "46/32": 46/32 column mode "46¥/32": 46/32 column mode (with ¥ symbol, supports escape character) "42/42": 42 column mode "42/32": 42/32 column mode "42¥/32": 42/32 column mode (with ¥ symbol, supports escape character) "48": 48 column mode "42": 42 column mode	"X/Y" refer to the following: X: Number of columns when paper width is 80 mm Y: Number of columns when paper width is 50 mm
		RollPaperWidth		Paper width (GS (E fn = 5, a = 3)	RW	"58mm": 58 mm "80mm": 80 mm "76mm": 76mm "57.5mm": 57.5mm "69.5mm": 69.5mm	

Key Info				Value Info			Remarks
1	2	3	4	Description	Attribute	List and explanation of set values	
		NearEndSetting		NearEnd sensor enabled/disabled (MemSW5-6)	RW	"Disable": Disabled, "Enable": Enabled	
		PaperWidthWithGuide		Paper width when a paper guide has been attached (MSW6-8)	RW	"40mm": Switching between 40 mm/80 mm	
						"58mm": Switching between 58 mm/80 mm	
	WifiCfg						
		Ssid		SSID An error occurs if the entered value does not conform to Ssid_LeNot Supportpec and Ssid_AsciiSpec.	RW		
		EncType_Select		Wireless communication data encryption system	RW	"WPA/WPA2-PSK"	
						"WPA3-SAE(AES)"	
		WpaPsk		WPA/WPA2-PSK settings Used if the EncryptionType is "WPA-PSK (AES)" or "WPA2-PSK".			
			Key	Pre-shared key	RW		
		WlanChip		Information concerning the wireless chip			
			ChipMode_Select	Indicates the wireless chip used.	RW	[Selected value] "Built-In": Built-in chip used "Option unit": Wlan option unit (OTWL-06) used	
	TcpIpCfg			TCP/IP setting			
		IpV4		IPV4 setting			
			Acquiring_Select	Switch the IP address acquisition method.	RW	"Auto", "Manual"	
			Ip	IPV4 address	RW		
			Sm	Sub-net mask	RW		
			Gw	Default gateway	RW		
			IpAddlessPrint_Select	Enable/disable printing of the determined IP address when Acquiring_Select is Auto	RW	"Disable": disable, "Enable": enable	
Maintenance							
	Counter			Maintenance counter (total)			
		RollPaper_FeedLines		Number of paper feed lines [lines]	RO	"" to "": 4-byte decimal maximum value	
		RollPaper_CutterDrives		Auto cutter drive count [times]	RO	"" to "": 4-byte decimal maximum value	

jsonString Acquisition Example

```
{
  "PrinterSpec": {
    "Product": {
      "SerialNo": "ABCD000002"
    },
    "Spec": {
      "Language": "KANJI JAPANESE"
    }
  },
  "Setting": {
    "AutoCut": {
      "CutAfterPaperset": "Invalid"
    },
    "Buzzer": {
      "Select": "Valid"
    },
    "Command": {
      "AutoCR": "Invalid"
    },
    "Print": {
      "Density": "100%",
      "Speed": "Level13",
      "ColumnEmulation": "Standard",
      "RollPaperWidth": "80mm",
      "NearEndSetting": "Disable"
    },
    "Maintenance": {
      "Counter": {
        "RollPaper_FeedLines": "53408",
        "RollPaper_CutterDrives": "5647"
      }
    },
    "FormatName": "TM-Form",
    "Rev": "1"
  }
}
```

Corresponding Models

Key Info				Value	EU-m30	TM-m30	TM-m30II	TM-m30II-H	TM-m30III	TM-m30III-H	TM-m50	TM-m50II	TM-m50II-H	TM-L100	TM-P20II	TM-P80II	TM-U220II		
1	2	3	4																
FormatName				"TM-Form"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
Rev				"1"	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
PrinterSpec					✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	Product				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		SerialNo			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	Spec				✓	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Language			✓	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		PaperWidth		"80"	✓	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	
				"76"	-	-	-	-	-	-	-	-	-	-	-	-	-	✓	
				"69.5"	-	-	-	-	-	-	-	-	-	-	-	-	-	-	✓
				"58"	✓	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-
				"57.5"	-	-	-	-	-	-	-	-	-	-	-	-	-	-	✓
				"40"	-	-	-	-	-	-	-	-	-	-	-	✓	-	-	-
		HeadDpi			✓	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
Setting					✓	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	AutoCut				✓	-	✓	✓	✓	✓	✓	✓	✓	✓	-	✓	✓		
		CutAfterPaperset		"Invalid" , "Valid"	✓	-	✓	✓	✓	✓	✓	✓	✓	✓	-	✓	✓		
	Buzzer				✓	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Select		"Invalid" , "Valid"	✓	-	✓	✓	✓	✓	✓	✓	✓	✓	-	-	✓		
	Command				✓	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-		
		AutoCR		"Invalid" , "Valid"	✓	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-		
	Interface				-	-	✓	✓	✓	✓	-	-	-	✓	✓	✓	-		
		USB			-	-	-	-	✓	✓	-	-	-	-	✓	✓	-		
			NetworkTethering	"Disable", "iOS", "Android", "Windows"	-	-	-	-	✓	✓	-	-	✓	-	-	-	-		
		USB2LAN			-	-	✓	✓	-	-	-	-	-	✓	-	-	-		
			Active	"OFF", "ON"	-	-	✓	✓	-	-	-	-	-	✓	-	-	-		

*: Wi-Fi model only.

Key Info				Value	EU-m30	TM-m30	TM-m30II	TM-m30II-H	TM-m30III	TM-m30III-H	TM-m50	TM-m50II	TM-m50II-H	TM-L100	TM-P20II	TM-P80II	TM-U220II
1	2	3	4														
	Print				✓	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
			Density	"DIPSW"	-	-	-	-	-	-	-	-	-	-	-	-	-
				"70%"	✓	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-
				"75%"	✓	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-
				"80%"	✓	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-
				"85%"	✓	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-
				"90%"	✓	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-
				"95%"	✓	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-
				"100%"	✓	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-
				"105%"	✓	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-
				"110%"	✓	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-
				"115%"	✓	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-
				"120%"	✓	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-
				"125%"	✓	-	✓	-	-	-	✓	✓	✓	✓	✓	✓	-
				"130%"	✓	-	✓	-	-	-	✓	✓	✓	✓	✓	✓	-
			Speed	"Level1"	✓	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-
				"Level2"	✓	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-
				"Level3"	✓	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-
				"Level4"	✓	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-
				"Level5"	✓	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-
				"Level6"	✓	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-
				"Level7"	✓	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-
				"Level8"	✓	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-
				"Level9"	✓	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-
				"Level10"	✓	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-
				"Level11"	✓	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-
				"Level12"	✓	-	✓	✓	✓	✓	✓	✓	✓	-	✓	✓	-
				"Level13"	✓	-	✓	✓	✓	✓	✓	✓	✓	-	✓	✓	-
				"Level14"	✓	-	-	-	-	-	-	✓	✓	-	✓	✓	-
				"Level15"	-	-	-	-	-	-	-	✓	✓	-	✓	✓	-
				"Level16"	-	-	-	-	-	-	-	✓	✓	-	✓	✓	-
				"Level17"	-	-	-	-	-	-	-	✓	✓	-	✓	✓	-

*: Wi-Fi model only.

Key Info				Value	EU-m30	TM-m30	TM-m30II	TM-m30II-H	TM-m30III	TM-m30III-H	TM-m50	TM-m50II	TM-m50II-H	TM-L100	TM-P20II	TM-P80II	TM-U220II	
1	2	3	4															
		ColumnEmulation	"Standard"	✓	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	✓	-	
			"48/34" , "48¥¥/34"	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			"48/36" , "48¥¥/36"	-	-	-	-	-	-	✓	✓	✓	-	-	✓	-	-	-
			"46/32" , "46¥¥/32"	-	-	-	-	-	-	-	-	-	-	-	✓	-	-	-
			"42/42"	-	-	-	-	-	-	-	-	-	-	-	✓	-	-	-
			"42/32" , "42¥¥/32"	-	-	✓	✓	✓	✓	-	-	-	-	-	✓	-	-	-
			"48"	-	-	-	-	-	-	-	-	-	-	✓	-	✓	-	-
			"42"	-	-	-	-	-	-	-	-	-	✓	-	✓	-	-	-
		RollPaperWidth	"58mm"	✓	-	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	
			"80mm"	✓	-	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	
			"76mm"	-	-	-	-	-	-	-	-	-	-	-	-	✓	-	
			"69.5mm"	-	-	-	-	-	-	-	-	-	-	-	-	✓	-	
			"57.5mm"	-	-	-	-	-	-	-	-	-	-	-	-	✓	-	
		NearEndSetting	"Disable" , "Enable"	✓	-	✓	✓	-	-	✓	-	-	-	-	-	-	-	
		PaperWidthWithGuide	"40mm"	-	-	-	-	-	-	-	-	-	✓	-	-	-	-	
			"58mm"	-	-	-	-	-	-	-	-	-	✓	-	-	-	-	
	WifiCfg			-	-	-	-	✓	✓	✓	✓	✓	-	✓*	✓*	-	-	
		Ssid		-	-	-	-	✓	✓	✓	✓	✓	-	✓*	✓*	-	-	
		EncType_Select	"WPA/WPA2-PSK"	-	-	-	-	✓	✓	✓	✓	✓	-	✓*	✓*	-	-	
			"WPA3-SAE(AES)"	-	-	-	-	✓	✓	✓	✓	✓	-	✓*	✓*	-	-	
		WpaPsk		-	-	-	-	✓	✓	✓	✓	✓	-	✓*	✓*	-	-	
		Key		-	-	-	-	✓	✓	✓	✓	✓	-	✓*	✓*	-	-	
		WlanChip		-	-	-	-	✓	✓	-	-	-	-	✓*	✓*	-	-	
		ChipMode_Select	"Built-In" , "Option unit"	-	-	-	-	✓	✓	-	-	-	-	✓*	✓*	-	-	
	TcpIpCfg			-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓*	✓*	-	-	
		IpV4		-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓*	✓*	-	-	
		Acquiring_Select	"Auto" , "Manual"	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓*	✓*	-	-	
		Ip		-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓*	✓*	-	-	
		Sm		-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓*	✓*	-	-	
		Gw		-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓*	✓*	-	-	
		IpAddressPrint_Select	"Disable" , "Enable"	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓*	✓*	-	-	
Maintenance				✓	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	

*: Wi-Fi model only.

Key Info				Value	EU-m30	TM-m30	TM-m30II	TM-m30II-H	TM-m30III	TM-m30III-H	TM-m50	TM-m50II	TM-m50II-H	TM-L100	TM-P20II	TM-P80II	TM-U220II
1	2	3	4														
	Counter				✓	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-
		RollPaper_FeedLines			✓	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-
		RollPaper_CutterDrives			✓	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-

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JSON 仕様シート

JSON 仕様

Epson ePOS SDK for Android と Epson ePOS SDK for iOS の下記 API で使用する JSON フォーマットの仕様を解説します。

- setPrinterSettingEx
- setGetPrinterSettingExListener/setGetPrinterSettingExDelegate

RW: Read Write(設定の取得及び変更可能)

RO: Read Only(設定の取得のみ可能)

Key Info				Value Info			備考
1	2	3	4	説明	属性	設定値の一覧、説明	
FormatName				フォーマット名	RW	TM ジャンルのプリンター情報フォーマット "TM-Form"	
Rev				情報フォーマットの管理番号（データ構造変更を Rev で管理する）	RW	TM ジャンルのプリンター情報フォーマットのリビジョン番号 "1"	
PrinterSpec				プリンター仕様情報			
	Product			製品情報			
		SerialNo		シリアル番号	RO	シリアル番号（GS I 68 コマンドで取得できる値）	
	Spec			仕様情報			
		Language		多国語フォント名	RO	現在選択されている多国語フォント名（GS I 69 コマンドで取得できる値）	
		PaperWidth		用紙幅 (mm)	RO	"80" : 80mm 用紙幅設定	
						"58" : 58mm 用紙幅設定	
						"40" : 40mm 用紙幅設定	
		HeadDpi		ヘッド仕様 (dpi)	RO	サーマルプリントヘッドのメカ解像度	
Setting				設定			
	AutoCut			カッター関連			
		CutAfterPaperset		カバークローズ時の用紙自動カット (GS (E fn=5 a=100)	RW	"Invalid": カットしない、"Valid": カットする	
	Buzzer			Buzzer 機能			
		Select		ブザー機能 有効なブザーの選択 (GS (E fn=5 a=119)	RW	"Invalid": 無効、"Valid": 有効	
	Command			コマンド関連機能			
		AutoCR		自動改行 (MSW1-5 or DSW1-1) Parallel インターフェイスを搭載している場合、変更不可。 Primula-iHub では、DSW1-1。 【関連項目】 PrinterSpec/Interface/UIB	RW	"Invalid": 常時無効 (MSW1-5 OFF) "Valid": 常時有効 (MSW1-5 ON)	

Key Info				Value Info			備考
1	2	3	4	説明	属性	設定値の一覧、説明	
	Interface			インターフェイス関連設定			
		USB		USB 関連機能 (GS (E fn=15))			
			NetworkTethering	ネットワークテザリング機能の有効 / 無効を設定する。	RW	Disable: 無効 iOS: iOS 向けの設定 Android: Android 向けの設定 Windows: Windows 向けの設定	
		USB2LAN					
			Active	USB2LAN の有効無効		"OFF": USB2LAN 無効 "ON": USB2LAN 有効	
	Print			印刷関連設定			
		Density		印字濃度 (GS (E fn=5 a=5))	RW	"DIPSW": ディップスイッチの設定に従う	
						"70%": 70%	
						"75%": 75%	
						"80%": 80%	
						"85%": 85%	
						"90%": 90%	
						"95%": 95%	
						"100%": 100%	
						"105%": 105%	
						"110%": 110%	
						"115%": 115%	
						"120%": 120%	
						"125%": 125%	
						"130%": 130%	

Key Info				Value Info			備考
1	2	3	4	説明	属性	設定値の一覧、説明	
		Speed	印字速度 (GS (E fn=5 a=6))	RW	"Level1": 印字速度レベル 1 "Level2": 印字速度レベル 2 "Level3": 印字速度レベル 3 "Level4": 印字速度レベル 4 "Level5": 印字速度レベル 5 "Level6": 印字速度レベル 6 "Level7": 印字速度レベル 7 "Level8": 印字速度レベル 8 "Level9": 印字速度レベル 9 "Level10": 印字速度レベル 10 "Level11": 印字速度レベル 11 "Level12": 印字速度レベル 12 "Level13": 印字速度レベル 13 "Level14": 印字速度レベル 14 "Level15": 印字速度レベル 15 "Level16": 印字速度レベル 16 "Level17": 印字速度レベル 17		
		ColumnEmulation	桁数エミュレーション (GS (E fn=5 a=11))	RW	"Standard": 標準桁モード "48/34": 48/34 桁モード "48¥¥/34": 48/34 桁モード (¥ 記号あり) "48/36": 48/36 桁モード "48¥¥/36": 48/36 桁モード (¥ 記号あり) "46/32": 46/32 桁モード "46¥¥/32": 46/32 桁モード (¥ 記号あり、エスケープ文字対応) "42/42": 42 桁モード "42/32": 42/32 桁モード "42¥¥/32": 42/32 桁モード (¥ 記号あり、エスケープ文字対応) "48": 48 桁モード "42": 42 桁モード	"X/Y" は X: 紙幅 80 mm 時の桁数 Y: 紙幅 50 mm 時の桁数 を表す。	
		RollPaperWidth	用紙幅 (GS (E fn=5 a=3))	RW	"58mm": 58 mm "80mm": 80 mm		
		NearEndSetting	NearEnd センサーの有効無効 (MemSW5-6)	RW	"Disable": 無効、"Enable": 有効		
		PaperWidthWithGuide	用紙ガイドをつけたときの紙幅 (MSW6-8)	RW	"40mm" : 40mm/80mm 切り替え "58mm" : 58mm/80mm 切り替え		

Key Info				Value Info			備考
1	2	3	4	説明	属性	設定値の一覧、説明	
	WifiCfg						
		Ssid		SSID 入力値が Ssid_LeNot Supportpec と Ssid_AsciiSpec に従わない場合はエラーになる。	RW		
		EncType_Select		無線通信データの暗号化方式	RW	"WPA/WPA2-PSK" "WPA3-SAE(AES)"	
		WpaPsk		WPA/WPA2-PSK 設定 EncryptionType が "WPA-PSK(AES)" または "WPA2-PSK" の場合に使用する。			
			Key	事前共有鍵	RW		
		WlanChip		無線チップに関する情報			
			ChipMode_Select	使用無線チップを示す。	RW	[選択値] "Built-In": 内蔵チップ使用 "Option unit": Wlan オプションユニット (OTWL-06) 使用	
	TcpIpCfg			TCP/IP 設定			
		IpV4		IPV4 設定			
			Acquiring_Select	IP アドレスの取得方法を切り替える。	RW	"Auto"、"Manual"	
			Ip	IPV4 アドレス	RW		
			Sm	サブネットマスク	RW		
			Gw	デフォルトゲートウェイ	RW		
			IpAddlessPrint_Select	Acquiring_Select が Auto の場合に、確定した IP アドレスを印刷する機能の有効 / 無効設定	RW	"Disable": 無効、"Enable": 有効	
Maintenance							
	Counter			メンテナンスカウンター（積算）			
		RollPaper_FeedLines		紙送り行数 [行]	RO	"" : ~ "" : 4byte 10 進数最大値	
		RollPaper_CutterDrives		オートカッター駆動回数 [回]	RO	"" : ~ "" : 4byte 10 進数最大値	

jsonString の取得例

```
{
  "PrinterSpec": {
    "Product": {
      "SerialNo": "ABCD000002"
    },
    "Spec": {
      "Language": "KANJI JAPANESE"
    }
  },
  "Setting": {
    "AutoCut": {
      "CutAfterPaperset": "Invalid"
    },
    "Buzzer": {
      "Select": "Valid"
    },
    "Command": {
      "AutoCR": "Invalid"
    },
    "Print": {
      "Density": "100%",
      "Speed": "Level13",
      "ColumnEmulation": "Standard",
      "RollPaperWidth": "80mm",
      "NearEndSetting": "Disable"
    }
  },
  "Maintenance": {
    "Counter": {
      "RollPaper_FeedLines": "53408",
      "RollPaper_CutterDrives": "5647"
    }
  },
  "FormatName": "TM-Form",
  "Rev": "1"
}
```

対応機種

Key Info				Value	TM-m30	TM-m30II	TM-m30II-H	TM-m30III	TM-m30III-H	TM-m55	TM-L100	TM-P20II	TM-P80II
1	2	3	4										
FormatName				"TM-Form"	✓	✓	✓	✓	✓	✓	✓	✓	✓
Rev				"1"	✓	✓	✓	✓	✓	✓	✓	✓	✓
PrinterSpec					✓	✓	✓	✓	✓	✓	✓	✓	✓
	Product				✓	✓	✓	✓	✓	✓	✓	✓	✓
		SerialNo			✓	✓	✓	✓	✓	✓	✓	✓	✓
	Spec				-	✓	✓	✓	✓	✓	✓	✓	✓
		Language			-	✓	✓	✓	✓	✓	✓	✓	✓
		PaperWidth		"80"	-	✓	✓	✓	✓	✓	✓	✓	✓
				"58"	-	✓	✓	✓	✓	✓	✓	✓	✓
				"40"	-	-	-	-	-	✓	-	-	-
		HeadDpi			-	✓	✓	✓	✓	✓	✓	✓	✓
Setting					-	✓	✓	✓	✓	✓	✓	✓	✓
	AutoCut				-	✓	✓	✓	✓	✓	✓	-	✓
		CutAfterPaperset		"Invalid"、"Valid"	-	✓	✓	✓	✓	✓	✓	-	✓
	Buzzer				-	✓	✓	✓	✓	✓	✓	✓	✓
		Select		"Invalid"、"Valid"	-	✓	✓	✓	✓	✓	✓	-	-
	Command				-	✓	✓	✓	✓	✓	✓	✓	✓
		AutoCR		"Invalid"、"Valid"	-	✓	✓	✓	✓	✓	✓	✓	✓
	Interface				-	✓	✓	✓	✓	-	✓	✓	✓
		USB			-	-	-	✓	✓	-	-	✓	✓
			NetworkTethering	"Disable"、"iOS"、 "Android"、"Windows"	-	-	-	✓	✓	-	-	-	-
		USB2LAN			-	✓	✓	-	-	-	✓	-	-
			Active	"OFF"、"ON"	-	✓	✓	-	-	-	✓	-	-
	Print				-	✓	✓	✓	✓	✓	✓	✓	✓

*: Wi-Fi モデルのみ。

Key Info				Value	TM-m30	TM-m30II	TM-m30II-H	TM-m30III	TM-m30III-H	TM-m55	TM-L100	TM-P20II	TM-P80II
1	2	3	4										
		Density		"DIPSW"	-	-	-	-	-	-	-	-	-
				"70%"	-	✓	✓	✓	✓	✓	✓	✓	✓
				"75%"	-	✓	✓	✓	✓	✓	✓	✓	✓
				"80%"	-	✓	✓	✓	✓	✓	✓	✓	✓
				"85%"	-	✓	✓	✓	✓	✓	✓	✓	✓
				"90%"	-	✓	✓	✓	✓	✓	✓	✓	✓
				"95%"	-	✓	✓	✓	✓	✓	✓	✓	✓
				"100%"	-	✓	✓	✓	✓	✓	✓	✓	✓
				"105%"	-	✓	✓	✓	✓	✓	✓	✓	✓
				"110%"	-	✓	✓	✓	✓	✓	✓	✓	✓
				"115%"	-	✓	✓	✓	✓	✓	✓	✓	✓
				"120%"	-	✓	✓	✓	✓	✓	✓	✓	✓
				"125%"	-	✓	-	-	-	✓	✓	✓	✓
				"130%"	-	✓	-	-	-	✓	✓	✓	✓
		Speed		"Level1"	-	✓	✓	✓	✓	✓	✓	✓	✓
				"Level2"	-	✓	✓	✓	✓	✓	✓	✓	✓
				"Level3"	-	✓	✓	✓	✓	✓	✓	✓	✓
				"Level4"	-	✓	✓	✓	✓	✓	✓	✓	✓
				"Level5"	-	✓	✓	✓	✓	✓	✓	✓	✓
				"Level6"	-	✓	✓	✓	✓	✓	✓	✓	✓
				"Level7"	-	✓	✓	✓	✓	✓	✓	✓	✓
				"Level8"	-	✓	✓	✓	✓	✓	✓	✓	✓
				"Level9"	-	✓	✓	✓	✓	✓	✓	✓	✓
				"Level10"	-	✓	✓	✓	✓	✓	✓	✓	✓
				"Level11"	-	✓	✓	✓	✓	✓	✓	✓	✓
				"Level12"	-	✓	✓	✓	✓	✓	-	✓	✓
				"Level13"	-	✓	✓	✓	✓	✓	-	✓	✓
				"Level14"	-	-	-	-	-	✓	-	✓	✓
				"Level15"	-	-	-	-	-	✓	-	✓	✓
				"Level16"	-	-	-	-	-	✓	-	✓	✓
				"Level17"	-	-	-	-	-	✓	-	✓	✓

*: Wi-Fi モデルのみ。

Key Info				Value	TM-m30	TM-m30II	TM-m30II-H	TM-m30III	TM-m30III-H	TM-m55	TM-L100	TM-P20II	TM-P80II
1	2	3	4										
		ColumnEmulation		"Standard"	-	✓	✓	✓	✓	✓	✓	-	✓
				"48/34"、"48¥¥/34"	-	-	-	-	-	✓	-	-	-
				"48/36"、"48¥¥/36"	-	-	-	-	-	✓	-	-	✓
				"46/32"、"46¥¥/32"	-	-	-	-	-	-	-	-	✓
				"42/42"	-	-	-	-	-	-	-	-	✓
				"42/32"、"42¥¥/32"	-	✓	✓	✓	✓	✓	-	-	✓
				"48"	-	-	-	-	-	-	✓	-	✓
				"42"	-	-	-	-	-	-	✓	-	✓
		RollPaperWidth		"58mm"	-	✓	✓	✓	✓	✓	-	-	-
				"80mm"	-	✓	✓	✓	✓	✓	-	-	-
		NearEndSetting		"Disable"、"Enable"	-	✓	✓	-	-	-	-	-	-
		PaperWidthWithGuide		"40mm"	-	-	-	-	-	-	✓	-	-
				"58mm"	-	-	-	-	-	-	✓	-	-
		WifiCfg			-	-	-	✓	✓	✓	-	✓*	✓*
		Ssid			-	-	-	✓	✓	✓	-	✓*	✓*
		EncType_Select		"WPA/WPA2-PSK"	-	-	-	✓	✓	✓	-	✓*	✓*
				"WPA3-SAE(AES)"	-	-	-	✓	✓	✓	-	✓*	✓*
		WpaPsk			-	-	-	✓	✓	✓	-	✓*	✓*
		Key			-	-	-	✓	✓	✓	-	✓*	✓*
		WlanChip			-	-	-	✓	✓	✓	-	✓*	✓*
		ChipMode_Select		"Built-In"、"Option unit"	-	-	-	✓	✓	✓	-	✓*	✓*
		TcplpCfg			-	✓	✓	✓	✓	✓	✓	✓*	✓*
		IpV4			-	✓	✓	✓	✓	✓	✓	✓*	✓*
		Acquiring_Select		"Auto"、"Manual"	-	✓	✓	✓	✓	✓	✓	✓*	✓*
		Ip			-	✓	✓	✓	✓	✓	✓	✓*	✓*
		Sm			-	✓	✓	✓	✓	✓	✓	✓*	✓*
		Gw			-	✓	✓	✓	✓	✓	✓	✓*	✓*
		IpAddlessPrint_Select		"Disable"、"Enable"	-	✓	✓	✓	✓	✓	✓	✓*	✓*
Maintenance					-	✓	✓	✓	✓	✓	✓	✓	✓
		Counter			-	✓	✓	✓	✓	✓	✓	✓	✓
		RollPaper_FeedLines		"" : ~ ""	-	✓	✓	✓	✓	✓	✓	✓	✓

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Key Info				Value	TM-m30	TM-m30II	TM-m30II-H	TM-m30III	TM-m30III-H	TM-m55	TM-L100	TM-P20II	TM-P80II
1	2	3	4										
		RollPaper_CutterDrives		"" : ~ ""	-	✓	✓	✓	✓	✓	✓	✓	✓

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