

# PTP670-I/PTP670-C-H 無線回線暗号化設定 マニュアル

2021年12月14日

RFD-21MA0018-01 第1版





- 1.本アニュアルはPTP670-I/PTP670-C-H の 128bit AES, 256bit AES の暗号化設定方法を示しております。
- 2. 128bit AES, 256bit AES はオプションとしてライセンスの別途購入が 必要になります。
- 3. PTP670ご購入後に128bit AES, 256bit AES をご購入の場合は別途 ライセンスキーのインストールが必要になりますので、その時は購入 元へお問い合わせ下さい。
- 4. 事前に暗号化未設定の状態でMaster とSlave の設定を取説に基づいて行い,無線回線の確立を確認しておくことを推奨します。



PCで以下の操作、確認が必要です。

- P3 :**目次**
- P4 :はじめに、Master局の作業
- P5 :Ping**連続打ちモードの設定**
- P6-7 :作業前のMaster局の画面確認
- P8-22 :Master局 Security 画面での作業、確認
- P23-24 :Slave局の作業、確認
- P25 :設定作業完了、最終確認へ
- P26 :無線回線開通後のMaster局のStatus画面
- P27 :無線回線開通後のSlave局のStatus画面

はじめに





AESを使用した暗号の設定はMaster局から設定します。 Master局の設定が終了してからSlave局の設定を行います。

# はじめに: Pingを連続打ちモードにしておくことをお薦めします。





C:¥WINDOWS¥system32>ping 169.254.1.1 -t 169.254.1.1 に ping を送信しています 32 バイトのデータ: 169.254.1.1 からの応答: バイト数 =32 時間 <1ms TTL=64 169.254.1.1 からの応答: バイト数 =32 時間 <1ms TTL=64 169.254.1.1 からの応答: バイト数 =32 時間 <1ms <u>TTL=64</u> |からの応答: バイト数 =<u>32</u> 時間| 169 254 1 1 <1ms TTL=64 169.254.1.1 からの応答: バイト数 =32 時間 <1ms TTL=64 169.254.1.1 からの応答: バイト数 =32 時間 <1ms TTL=64 169.254.1.1 からの応答: バイト数 =32 時間 <1ms TTL=64

 PCのコマンドプロンプトを起動します。Windows10ならWindowsシステムツールの配下にあります。
 2.設定を行うPTP670のIPアドレスが169.254.1.1 の場合は ping[169.254.1.1]-t と入力しEnter Keyを 押すと、ping連続打ちモードが開始します。
 3. 疎通が成功すれば上右図の応答メッセージが現れます。

#### Master局の画面:Status



コグインしてN	laster <b>局の</b> Status	にアクセスします		1. ここを	クリッ	ク	
Cambiur	n Networks <sup>™</sup> Link: PTP670 Site: Uni	it: Master_38_0D_DB					
	System Status - Po	oint To Point - Master - Value Units	Attributes	Value		Units	
	Link Name	PTP670	Wireless Link Status	Searching			
Home	Unit Name	Master_58_0D_DB	Wireless Encryption	None			
Status	Site Name		Data Bridging Status	Disabled			
Alarms	Software Version	50670-02-70	Maximum Transmit Power	14		dBm	
« System	Hardware Version	B0P01.01-C-FPS	EIRP	37.0		dBm	2.Master <b>局であることを確認し</b>
« Configuration	Unit ESN	000456580DDB	Remote Maximum Transmit Powe	Not Available		dBm	++
LAN Configuration	Unit MSN	U9TJ00SS42BF	Transmit Power	14.0, 11.4	4, -15.0,	14.0 dBm	よ 9
QoS Configuration	Regulatory Band	78 - 4 9 GHz - Japan	Receive Power	-62.3, -100.4	8, -110.0,	-110.0 dBm	
Save And Restore	Elapsed Time Indicator	00:04:14	Vector Error	7.2, 1.1	1, -31.5,	7.2 dB	
Reset Configuration	Ethernet / Internet	1	Link Loss	0.0, 0.0	0, 0.0,	0.0 dB	
Spectrum Expert	Main PSU Port Status	Copper Link Up	Signal Strength Ratio	30.0, 26.	8, 0.3,	30.0 dB	
» Statistics	Main PSU Port Speed And Duplex	1000 Mbps Full Duplex	Transmit Data Rate	0.00, 0.00	0, 0.00,	0.00 Mbps	
» Diagnostics Plotter	MAC Address	00:04:56:58:0d:db	Receive Data Rate	0.00, 0.00	0, 0.00,	0.00 Mbps	
Cable Diagnostics	Remote Identification		Aggregate Data Rate	0.00. 0.00	0. 0.00.	0.00 Mbps	
Software Upgrade	Remote Unit Name	Not Available	Link Capacity Variant	Full			
Reboot	Remote MAC Address	Not Available	Link Capacity	0.00		Mbps	│ いことを確認します │
Installation	Remote Internet Address	Not Available	Wireless Link Availability	0.0000		%	
Managamant	TDD Synchronization	Disabled	Data Bridging Availability	0.0000	-	%	
» management	TDD Synchronization Interface	Disabled	Passive Medulation Mode	Acquisition (20 MH	(Z)		
« Security			Liek Summetry	Acquisition (20 MH	12)		
Zeroize CSPs			Receive Modulation Mode Detail	Peetricted Because	a Installation	Is Armod	
Change Password			Range	7.5	o motanau011	km	
Logout	Status Page Refresh Period	β600 Second	s Update Page	Refresh Period R	eset form		

## Master局の画面:System>Configuration



Cambium	n Networks <sup>™</sup>			
	Link: PTP670 Site:	Unit: Master_58_0D_DB		
	System Configu	uration	1	
	This page controls the day to	o day configuration of this unit.		2092
Home	Attributes	Value	Units	
Status	Equipment			
Alarms	Enable Transmission	Enabled		
ivstam	Link Name	PTP670		
Configuration	Unit Name	Master_58_0D_DB		
LAN Configuration	Site Name			
QoS Configuration	Latitude			
Save And Restore	1 control of			
Reset Configuration	Longitude			
Spectrum Expert	Altitude	0		
Statistics	IP Address Label	IPv4 Address		2 未だ暗号化されてないこ
Diagnostics Plotter	Wireless			
Cable Diagnostics	Master Slave Mode	Master		とを確認します
Software Upgrade	Dual Payload	Enabled		
Reboot	Link Mode Optimization	IP Tramc	MU	
stallation	Max Pacoivo Modulation Mod	20 do 2560AM 0.81	MIT2	
anagement	Lowest Data Modulation Mod	le BPSK 0.63		※ 啐 旦 ル ニ イ ト・ フ が イ・ フトー
ecurity	Antenna Gain	23.0	dBi	※咱方11ノイセンスがインストー
Zeroize CSPs	Oshla Lasa		40	ルされていない場合はこの
hange Password	Cable Loss	0.0	qB	
ogout	Maximum Transmit Power	14	dBm	項目は表示されません
Sloar	ATPC Peer Rx Max Power	-54	dBm	
	Wireless Encryption			
	Encryption Algorithm	None TLS RSA TLS PSK 128-bit		
		Submit Updated System Configuration Reset Form		









« Security

Zeroize CSPs

Change Password

Logout









Logout



Cambium	Networks™
A	Link: PTP670 Site: Unit: Master_58_0D_DB
	Enter User Security Banner Enter banner text to be displayed when users log in to web-based management. Select Yes to require the user to acknowledge the security banner.
Home	Click on Next to continue.
Status	Usage Summary 0 of 1499 characters used
Alarms	
System	
« Configuration LAN Configuration QoS Configuration Save And Restore Reset Configuration	User Defined Security Banner
Spectrum Expert » Statistics	Require Acknowledgement Of Notices
» Diagnostics Plotter Cable Diagnostics	Mext >>>
Software Upgrade Reboot	Below is a presentation of the banner as it will appear on the login page
Installation	
Management	
Security	
Zeroize CSPs	
Change Password	
Logout	





Change Password

Logout













» Installation

Reboot

- » Management
- « Security

Zeroize CSPs

Change Password

Logout

Attributes	Value	Units
HTTP Access Enabled	○ No ○ Yes	
HTTP Port Number	80	
Teinet Access Enabled	● No ○ Yes	
SNMP Control Of HTTP And Telnet	O Disabled  Enabled	
SNMP Control Of Passwords	Disabled O Enabled	
TFTP Client	O Disabled  Enabled	
Debug Access Enabled	● No ○ Yes	1.ここをクリック
Cross Site Request Forgery Protection	O Disabled  Enabled	
<b>44</b> Back	Ne	ext >>>



Cambium	n Networks		You are about to reboot t	he wireless unit. Do you wish to continue?	
	Link: PTP670 Confirm S Press the button to Attributes Key of Keys	Site: Unit: Master_58_OD_DB Security Configuration o confirm the security configuration and reboot the ODU. Value Modified	Units	ОК ++>セル	
Status Alarms	DRNG Entropy	Modified			
« System « Configuration LAN Configuration Qo S Configuration Save And Restore Reset Configuration	User Defined Security Banner		11	1.ここをクリック	2. OK <b>をクリックして</b> Reboot <b>開始</b>
Spectrum Expert » Statistics	Require Acknowledgement Of Notices	No			
» Diagnostics Plotter Cable Diagnostics	Display Login Information	No			
Reboot	Enabled	No TLS PSK 128-bit			
» Installation » Management	Algorithm Wireless Encryption Key	Modified	/		
« Security	HTTP Access Enabled	Yes			
Change Password	HTTP Port Number	80			
Logout	Telnet Access Enabled	No			
	SNMP Control Of HTTP And Telnet	Enabled			
	SNMP Control Of Passwords	Disabled			
	TFTP Client Debug Access	Enabled			
	Enabled Cross Site Request Forgery	Enabled			
	Protection	Confirm Security Configuration and Pehoot			
		Commit Security Comiguration and Rebubl			

Logout





この画面に遷移しPingが通らなくな りますが2~3分で復旧します。 次にブラウザの更新ボタンをクリッ クしてブラウザ画面を更新します。









#### Master局の画面:Status



Attribute         Home         Status         Status         Site N         Alarms         Softw         System         Hardw         » Configuration         Spectrum Expert         » Statistics         » Diagnostics Plotter         Cable Diagnostics         Software Upgrade         Reboot         Main         MAC	ibutes ipment Name Name Name ware Version dware Version ESN MSN ulatory Band based Time Indicator ernet / Internet a PSU Part Status	Value PTP670 Master_58_0D_DB 50670-02-70 B0P01.01-C-FPS 000456580DDB U9TJ00SS42BF 78 - 4.9 GHz - Japan 00:01:50	Units	Attributes Wireless Wireless Link Status Wireless Encryption Data Bridging Status Maximum Transmit Power EIRP Remote Maximum Transmit I Transmit Power Receive Power Vector Error	Val Sos Non Dise 14 37.0 Power Not	arching ne sabled 0 t Available 14.0, -110.0	13.4,	-15.0,	dE dE 14.0 dE	nits Bm Bm Bm Bm	L	т. <b>сс</b> е	
Home Linkt Status Site N Alarms Softw System Hardw » Configuration Unit E Spectrum Expert Unit N » Statistics Regu » Diagnostics Plotter Elaps Cable Diagnostics Ether Software Upgrade Main Reboot Main	Name Name Name Ware Version dware Version ESN MSN ulatory Band psed Time Indicator ernet / Internet a PSU Port Status	PTP670 Master_58_0D_DB 50670-02-70 B0P01.01-C-FPS 000456580DDB U9TJ00SS42BF 78 - 4.9 GHz - Japan 00:01:50		Wireless Link Status Wireless Encryption Data Bridging Status Maximum Transmit Power EIRP Remote Maximum Transmit I Transmit Power Receive Power Vector Error	Soa Nor Dis 14 37.0 Power Not	sabled 0 t Available 14.0, -110.0	13.4,	-15.0,	dE dE dE 14.0 dE	Bm Bm Bm			
Unit N Status Unit N Site N Site N Site N Site N Software Upgrade Nain Reboot Stallation Unit N MAC NAC NAC NAC NAC NAC NAC NAC NAC NAC N	Name Name Vare Version dware Version ESN MSN ulatory Band osed Time Indicator ernet / Internet a PSU Port Status	Master_58_0D_DB 50670-02-70 B0P01.01-C-FPS 000456580DDB U9TJ00SS42BF 78 - 4.9 GHz - Japan 00:01:50		Wireless Encryption Data Bridging Status Maximum Transmit Power EIRP Remote Maximum Transmit I Transmit Power Receive Power Vector Error	Nor Dis 14 37.0 Power Not	ne sabled .0 t Available 14.0, -110.0	13.4,	-15.0,	dE dE dE 14.0 dE	Bm Bm Bm Bm			
tatus     Site N       larms     Softw       ystem     Hardw       o Configuration     Unit R       Spectrum Expert     Unit N       o Statistics     Elaps       o Diagnostics Plotter     Elaps       Cable Diagnostics     Ether       Software Upgrade     Main       Reboot     Main	Name ware Version dware Version ESN MSN ulatory Band seed Time Indicator ernet / Internet a DSU Port Status	50670-02-70 B0P01.01-C-FPS 000456580DDB U9TJ00SS42BF 78 - 4.9 GHz - Japan 00:01:50		Data Bridging Status Maximum Transmit Power EIRP Remote Maximum Transmit / Transmit Power Receive Power Vector Error	Power Not	sabled .0 t Available 14.0, -110.0	13.4,	-15.0,	dE dE dE 14.0 dE	Bm Bm Bm			
Jarms     Softw       ystem     Hardw       Configuration     Unit E       Spectrum Expert     Unit N       Statistics     Regu       Diagnostics Plotter     Elaps       Cable Diagnostics     Ether       Software Upgrade     Main       Reboot     Main	ware Version dware Version ESN MSN ulatory Band used Time Indicator ernet / Internet e RSU Port Status	50670-02-70 B0P01.01-C-FPS 000456580DDB U9TJ00SS42BF 78 - 4.9 GHz - Japan 00:01:50		Maximum Transmit Power EIRP Remote Maximum Transmit Transmit Power Receive Power Vector Error	14 37.( Power Not	.0 t Available 14.0, -110.0	13.4,	-15.0,	dE dE dE 14.0 dE	Bm Bm Bm Bm			
ystem Hardw Configuration Unit E Spectrum Expert Unit N Statistics Elaps Diagnostics Plotter Elaps Cable Diagnostics Ether Software Upgrade Main Reboot Main	dware Version ESN MSN ulatory Band osed Time Indicator ernet / Internet e RSU Port Status	B0P01.01-C-FPS 000456580DDB U9TJ00SS42BF 78-4.9 GHz - Japan 00:01:50		EIRP Remote Maximum Transmit Transmit Power Receive Power Vector Error	37.( Povver Not	.0 It Available 14.0, -110.0	13.4,	-15.0,	dE dE 14.0 dE	Bm Bm Bm			
Configuration     Unit E     Spectrum Expert     Unit N     Statistics     Diagnostics Plotter     Cable Diagnostics     Software Upgrade     Main     Reboot     Main	ESN MSN ulatory Band osed Time Indicator ernet / Internet e RSU Port Status	000456580DDB U9TJ00SS42BF 78 - 4.9 GHz - Japan 00:01:50		Remote Maximum Transmit Transmit Power Receive Power Vector Error	Povver Not	ot Available 14.0, -110.0	13.4,	-15.0,	dE 14.0 dE	Bm Bm			
Spectrum Expert     Unit N       Statistics     Regu       Diagnostics Plotter     Elaps       Cable Diagnostics     Ether       Software Upgrade     Main       Reboot     Main       MAC     MAC	MSN ulatory Band osed Time Indicator ernet / Internet	U9TJ00SS42BF 78 - 4.9 GHz - Japan 00:01:50		Transmit Power Receive Power Vector Error		14.0, -110.0	13.4,	-15.0,	14.0 dE	Bm			
Statistics     Regul       Diagnostics Plotter     Elaps       Cable Diagnostics     Ether       Software Upgrade     Main       Reboot     Main       stallation     MAC	ulatory Band osed Time Indicator ernet / Internet	78 - 4.9 GHz - Japan 00:01:50		Receive Power Vector Error		-110.0	400.0						
Diagnostics Plotter Elaps Cable Diagnostics Ether Software Upgrade Main Reboot Main stallation	osed Time Indicator ernet / Internet	00:01:50		Vector Error			-109.9.	-110.0.	-110.0 dE	Bm			
Cable Diagnostics Ether Software Upgrade Main Reboot MAC stallation	ernet / Internet					7.2,	7.2,	7.2,	7.2 dE	В	1	乙.对问厅	司と
Software Upgrade Main Reboot MAC stallation	DQI I Port Status			Link Loss		0.0,	0.0,	0.0,	0.0 dE	В		-+	- -
Reboot Main stallation	IT SO FUIL Status	Copper Link Up		Signal Strength Ratio		0.3,	0.3,	0.3,	0.3 dE	В		くない	·U) (
stallation	n PSU Port Speed And Duplex	1000 Mbps Full Duplex		Transmit Data Rate		0.00,	0.00,	0.00,	0.00 M	lbps			- ^ I F
Standulut	C Address	00:04:56:58:0d:db		Receive Data Rate		0.00,	0.00,	0.00,	0.00 M	lbps		「」と「「」	うし(
Remo	note Identification			Aggregate Data Rate		0.00,	0.00,	0.00,	0.00 M	lbps			
lanagement Remo	note Unit Name	Not Available		Link Capacity Variant	Full	1							
ecurity Remo	note MAC Address	Not Available		Link Capacity	0.00	10			M	lbps			
hange Password Remo	note Internet Address	Not Available		Wireless Link Availability	0.00	0000			%	s			
TDD	) Synchronization			Data Bridging Availability	0.00	000			%	20			
TDD	) Synchronization Interface	Disabled		Transmit Modulation Mode	Acq	quisition (2	20 MHz)						
				Receive Modulation Mode Link Symmetry		Acquisition (20 MHz)							
						1 to 1							
		2		Receive Modulation Mode D	Detail Res	stricted Be	cause In	stallation Is	Armed				

ご通信でき 業前と表

## Master局の画面:System>Configuration



	Link: PTP670 Site:	iit: Master_58_0D_DB
	System Configu	ation
	This page controls the day to	r configuration of this unit.
Home	Attributes	/alue Units
Status	Equipment	
larms	Enable Transmission	Enabled
Suntam	Link Name	PTP670
ystem Coofferenties	Unit Name	Master_58_0D_DB
» Configuration	Site Name	
» Statistics	Latitude	
» Diagnostics Plotter	Longitude	
Cable Diagnostics	Altitude	0
Somware Upgrade	IP Address Label	Pv4 Address
Rebool	Wireless	····································
installation	Master Slave Mode	
Management	Dual Payload	
Security	Link Mode Optimization	
Change Password	Channel Bandwidth	20 MHz
Logout	Max Receive Modulation Mod	256QAM 0.81
	Lowest Data Modulation Mod	3PSK 0.63
	Antenna Gain	23.0
	Cable Loss	
	Maximum Transmit Power	14 dBm X256DIT AESのフィセンスを1,
	ATPC Peer Rx Max Power	
	Wireless Encryption	ー・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・
	Encryption Algorithm	
	Pre-shared Key	
	Confirm Pre-shared Key	Show



Cambium	Networks	TM				
	Link: PTP670	Site: Unit: Master_	58_0D_DB			
	Security C	Configuration W	Vizard			
<u> </u>	This page shows a Press the 'Continu	a summary of the current se e to Security Wizard' buttor	curity configuration. I below to change this configurati	on.		
Home	Security configur	ation				
Status	Attributes	Value			Units	
Alarms	Key of Keys	Configured				
« System	DRNG Entropy	Configured			-	"TLS PSK 128-bit" <b>が表示</b>
» Configuration						
Spectrum Expert						されることを確認します
» Diagnostics Plotter	User Defined					
Cable Diagnostics	Security Banner					
Software Upgrade						
Reboot					1	
» Installation	Require					
» Management	Acknowledgement Of Notices	t No				※256DIT AES <b>のフイセンスをイン</b>
« Security	Display Login	No				
Zeroize CSPs	Information	No				APールしに场合は ILO
Change Password	Enabled	No				
Logout	Encryption Algorithm	TLS PSK 128-bit				FSK 200-DILC衣示されま9
	Wireless Encryption Key	Configured				
	HTTP Access Enabled	Yes				
	HTTP Port Number	80				
	Telnet Access Enabled	No				
	SNMP Control Of HTTP And Telnet	Enabled				
	SNMP Control Of Passwords	Disabled				
	TFTP Client	Enabled				
	Debug Access Enabled	No				
	Cross Site Request Forgery Protection	Enabled				
			Continue to Security Wizard			



# これでMaster局の暗号化設定は完了です。

次にSlave局の電源をONL、P5~P22に示すMaster局の作業と同じ作 業を行います。

- ただし以下の3つのKeyや符号は、Master局作業でGenerateボタンをク リックして生成しCopy&Pasteで保存したものをSalve局に適用しPasteし ます。
- P10 : Key of keys
- P11 : Entropy Input
- P15 : Pre-shared Key

# Slave局の入力画面を次ページに示します。

#### Slave局の画面:Security







# これでSlave局の暗号化設定は完了です。 無線回線が開通すると次のStatus画面となります。

#### Master局の画面:Status



lome	Link: PTP670 Site: Uni	it: Master_58_0D_DB				
Status 🗸	System Status - Po	oint To Point Master				
System	Attributes	Value Unit	s Attributes	Value	Units	2対向日と関係するとしかと
« Configuration	Equipment		Wireless		201 - DI	
LAN Configuration	Link Name	PTP670	Wireless Link Status	Up		表示されます。
QoS Configuration	Unit Name	Master_58_0D_DB	Wireless Link Up Time	00:02:47		- X37C10076
Save And Restore	Site Name		Wireless Encryption	AES 128-bit TLS PSK	>	
Reset Configuration	Software Version	50670-02-70	Data Bridging Status	Enabled	1	
Spectrum Expert	Hardware Version	B0P01.01-C-FPS	Maximum Transmit Power	14	dBm	※MasterとSlaveの間でKeyや
» Statistics	Unit ESN	000456580DDB	EIRP	37.0	dBm	
Diagnostics Plotter	Unit MSN	U9TJ00SS42BF	Remote Maximum Transmit Powe	er 14	dBm	付ちか──玖しない场合、∪□Ⅰ、
Cable Diagnostics	Regulatory Band	78 - 4.9 GHz - Japan	Transmit Power	11.0, 10.5, -15.0,	11.0 dBm	たりません
Software Upgrade	Elapsed Time Indicator	00:04:25	Receive Power	-63.7, -79.6, -110.0,	-64.0 dBm	(A) A E/U
Reboot	Ethernet / Internet		Vector Error	7.2, -17.0, -31.9,	-28.7 dB	
estallation	Main PSU Port Status	Copper Link Up	Link Loss	121.3, 78.7, 0.0,	121.0 dB	
Crashical Install	Main PSU Port Speed And Duplex	1000 Mbps Full Duplex	Signal Strength Ratio	30.0, 19.8, 0.3,	30.0 dB	
Graphical install	MAC Address	00:04:56:58:0d:db	Transmit Data Rate	49.90, 6.25, 0.00,	49.90 Mbps	
lanagement	Remote Identification		Receive Data Rate	49.90, 7.75, 0.00,	49.90 Mbps	
ecurity	Remote Unit Name	Slave_58_0D_D5	Aggregate Data Rate	99.80, 14.01, 0.00,	99.80 Mbps	3 "AFS 128_hit TLS
Change Password	Remote MAC Address	00:04:56:58:0d:d5	Link Capacity Variant	Full		
oaout	Remote Internet Address	http://169.254.1.2	Link Capacity	99.80	Mbps	PSK"が表示されます
oyout	TDD Synchronization		Wireless Link Availability	100.0000	%	1010 10 20 1000 1
	TDD Synchronization Interface	Disabled	Data Bridging Availability	100.0000	%	
			Transmit Modulation Mode	256QAM 0.81 (Single) (20 MH	łz)	
			Receive Modulation Mode	256QAM 0.81 (Single) (20 MH	łz)	
			Link Symmetry	1 to 1		※256DIT AE5 <b>のフイセンスをイン</b>
			Receive Modulation Mode Detail	Running At Maximum Receive	Mode	フレールレンセクけ てい
			Range	0.2	km	<b>ハロアルレに场合は</b>  LD
		[hose]			100	

#### Slave局の画面:Status



Ноте	Svetom Statue	aint To Point Slavo			
Status	System Status - Po	Sint to Point - Slave	( <b>1</b>		2.対向日と問題するとした
» System	Attributes	Value Units	Attributes	Value Units	
» Installation	Equipment	DTD274	Wireless		- 表示されます。
» Management	Link Name		Wireless Link Status	00.02.02	至かてものする
» Security	Cite Name	Slave_58_0D_D5	Wireless Link Up Time	00:02:03	
	Site Name	50570 00 70	Wireless Encryption	AES 128-DIT ILS PSK	※Master LSlaveの問でKeyや
Change Password	Software Version	50570-02-70 R0D04.04.0 EDC	Maximum Transmit David	Linabled JPm	
Logout	Hardware version	000456500005		14 0DIII 27.0 dBm	符号が一致しない場合。Un に
	Unit ESN		EIRP Domete Maximum Transmit Down	s14 dPm	
	Degulatory Rand	79 4 0 CH2 Japan	Transmit Dawer	1 14 0DIII	なりません
	Elanced Time Indicator	00-02-44	Passive Dewer	64.2 72 5 110.0 64.8 dBm	
	Ethernet (Internet	00.02.44	Vector Error	-04.3, -73.5, -110.0, 04.0 dBIII	
	Main DCII Dart Status	Connect Sale Uni	Vector Error	122, -21.0, -29.7, -21.9 dB	
	Main PSU Port Status	1000 Mbps Full Duplox	Signal Strongth Datio	30.0 23.9 0.2 30.0 dP	
	Main 1 50 T on Speed And Duplex	00.04.56.58.04.45	Transmit Data Pato	19.90 37.74 0.00 49.90 Mbps	
	Remote Identification	00.04.30.30.00.03	Receive Data Rate	49.90 38.81 0.00 49.90 Mbps	
	Remote Unit Name	Master 58 0D DB	Aggregate Data Rate	99.80 76.55 0.00 99.80 Mbps	13. "AES 128-bit TES
	Remote MAC Address	00.04.56.58.0d.db	Link Capacity Variant	Full	
	Remote Internet Address	http://169.254.1.1	Link Capacity	99.80 Mbps	PSN <b>か衣示されまり</b>
			Wireless Link Availability	100 0000 %	
			Data Bridging Availability	99 0841 %	
			Transmit Modulation Mode	256QAM 0.81 (Single) (20 MHz)	
			Receive Modulation Mode	256QAM 0.81 (Single) (20 MHz)	※256bit AES <b>のライセンスをイン</b>
			Link Symmetry	1 to 1	
			Receive Modulation Mode Detail	Running At Maximum Receive Mode	<b>人トールした場合は</b>   LS
			Range	0.2 km	
					I JIN ZUU-UIL <b>C衣小C/UJ 9</b> 。