<u>CONVEYLINX: CONVEYLINX Ai2 Firmware書換え手順</u>

※作業を開始する前にEasyRoll最新バージョンをダウンロードしパソコンにインストールしてください https://www.pulseroller.com/downloads/#Latest_EasyRoll_childEasyRoll_childSoftware_childSoftware____Firmware_Downloads_accordion 最新バージョン(2022/1/1現在)"EasyRoll ASIA V4 21"を選択しEasyRoll_ASIA_V4_21.zipをダウンロードし解凍してください 解凍した、setup.exeを実行しパソコンにEasyRollをパソコンにインストールしてください。

※CONVEYLINXをご使用の場合、作業を開始する前にCONVEYLINXファームウェア最新バージョンをダウンロードして下さい。 https://www.pulseroller.com/downloads/#Latest_Version_childConveyLinx_childFirmware_childSoftware ____Firmware_Downloads_accordion 最新バージョン (2022/1/1現在) " ConveyLinx5 7 " を選択し ConveyLinx_5_7.binをダウンロードしてください。 ※CONVEYLINX Ai2をご使用の場合、作業を開始する前にCONVEYLINX Ai2ファームウェア最新バージョンをダウンロードして下さい。 https://www.pulseroller.com/downloads/#ConveyLinx_Ai2_childFirmware_childSoftware ___Firmware_Downloads_accordion 最新バージョン (2022/1/1現在) " ConveyLinxAI 5 04 05 " を選択し ConveyLinxAI_5_04_05.binをダウンロードしてください。

CONVEYLINX 又は CONVEYLINX Ai2に電源線、Ethernetケーブルを接続します。



CONVEYLINX 又は CONVEYLINX Ai2 の空いているEthernetポートとパソコンをEthernetケーブルで接続します。



Ensy

パソコンにインストールしているEasyRollを起動します。 ※CONVEYLINX 又は CONVEYLINX Ai2 が通電状態になっていることをご確認ください。

taayiRadd (dagaani)		
(EasyRoll起動時の画面)		
EasyRoll Version 4.11 (US)	- 0)
Maturet IP: 192 168 202 V		
	Not	
From Node R. I To Node R. I	Neteon Advanced	
Serial Number:	Close Connected	
mware Version: Hardware Revision:		
Linsteam Zone	Downsteam Zone	
Eror and In	omation Error and Information	
Dear J	an Enor. O	•
AP Timer. Sec Set Jam	stor Counter: GAP Timer: sec Set Jam error Counte	N.
ccept time: Dec Set	Accept time: sec Set	
Settings Durantic Release Termination Disable Service Jan Aut	Claw	
Dynamic Release Control Disable Arrival Timeout	Cat Al Dynamic Release Control Disable Anival Timeout Cat	
🗆 Disable Anival Jam Reset Delay 📄 Disable Manual Operation	ns Disable Arival Jam Reset Delay Disable Manual Operations	1
Disable Sensor Jam Reset Delay	Disable Sensor Jam Reset Delay	
Anival/Departure:	Accumulate Anival/Departure:	state
Leit MDR	and Information Right MDR	ation
fotor Type: Set All Sensor Con	nection Enor 🛛 Motor Type: 🖉 Set All Sensor Connection Eno	x O
kake Method Set All	Sensor Gain Brake Method: Sensor Gai	'n.,
	Enor Counter Enor Counter	x. x
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peeo. A Set Set As Motor Cor	mector Enor: Motor Connector Eno Motor Connector Eno	χΦ
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cceleration: sec Set Set All Moto	short-circuit Acceleration sec Set Set All Motor short-circuit	k 0
receleration: sec Set Set All	Max. Torque: Deceleration: sec Set Set All Max. Torque	e: Ф
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	Hotor stalled: Motor stalled:	
urrent: mA Motor	Sensor Error: Current: mA Motor Sensor Error	d O
	Overheat	d 0 x 0
Denating time: min III III	Operating time: min pa	d 0 x 0 x 0
Descaling time: min R Mo	tor Life Error:	0 b x 0 x 0 x 0
aculated MDR "C N Mate	tor Life Error: ♥ Calculated MDR Temperature: "C N Motor Life Error Calculated MDR Temperature: "C N Motor Error Court	d 0 x 0 x 0 x 0 riter:

画面上部にあるAdvanced DialogボタンをクリックしてAdvanced Dialog画面を開きます。
 (F2キーを押す、Ctrl + Shift + Uの同時押しでも開く事が出来ます)

Refresh	Advanced
Close	Dialog

①NetWork Servicesタブを選択します。

②Discoverボタンをクリックします。

Discovered modules:画面に接続している全てのCONVEYLINXのIPアドレスが表示されます。 ③全てのCONVEYLINXを変更する場合は、Select ALLボタンをクリックします。

④Upgrade FWボタンをクリックします。

ConveyLinx Advanced Dialog	2
Special Services Control Ports Look Ahead & Timing Upgrade Show devices on Subnet : <<< ALL networks >>> T Discover	Flex Zone Sensors Extensions Connections Network Services 2
Discovered modules:	Settings of the selected node:
	Serial Number:
	P:
	Mask: · · ·
	Gateway: 🔽
	Set
3	postore
Ĭ	Select ALL Backup
	Select NONE Restore
	Restore by IP
	Beorder IP: 4
* Use Ctrl/Shift for multiple selection	

Browseボタンをクリックして、書込むFirmware(最初にダウンロードしたBINファイル)を選択します。

Special Services	Control Ports	Flex Zone	Sensors	Extensions	
Look Ahead & Timing	Upgrade	Connection	1 21	letwork Services	
Firmware .BIN file location:			_		
				Browse	
Selected devices:				-	
	Lipload Ope		Г	PLC Upgrade	
	opidda oric				
	Upload ALL	ADO	rt Uploading		
	Upload ALL	ADO	rt Uploading		
NOTE: You can select mul	Upload ALL	k Services, "Upgrad	t Uploading		
NOTE: You can select mul Dutput:	Upload ALL	k Services, "Upgrad	te FW''		
NOTE: You can select mul Dutput:	Upload ALL	k Services, "Upgrad	de Fw''		
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NOTE: You can select mul Output:	Upload ALL	k Services, "Upgrad	de FW"		
NOTE: You can select mul Output:	Upload ALL	k Services, "Upgrad	de FW''		
NDTE: You can select mul Gulput:	Upload ALL	k Services, "Upgrad	de FW''		
NGTE: You can select mu Dulput:	Upload ALL	k Services, "Upgrad	le FW"		
NOTE: You can select mul Dulput:	Upload ALL	k Services, 'Upgrad	de FW"		



Upload ALL をクリックします。

Output画面にアップロード進捗が表示されます。

192.168.25.20	15 .	+ Retre	sh	
Special Services	Control Ports	Flex Zone	Sensors	Extension
Cook Ariedo e rining	opgrade	Corriecto	ans 1	Network Service
Firmwale bin file location:				
C:\Users\pknap\Desktop\	ConveyLinx_5_02.bin			BTowse.
Selected Devices: (15)				
192,168,25,20				
192.168.25.21	Unitrad One			
192,168,25,22				
192.168.25.23	LICENCE AND	At	port Uploading	
192.168.25.24	Upload ALL			1
192.168.25.25				
1103 100 36 30				
NUTE: You can select multi	ple devices via Netwo	rk Services, "Upgr	ade FW" butto	on.
Output:				
Unloading Convey inv 5	02 hip to 192 168 25 2	0 (35328 of 3478)	301	
Uploading ConveyLinx 5	02 hin to 192 168 25 3	1 (35328 of 34786	ກ	
Uploading ConveyLinx 5	02 his to 192 168 25 2	2 (35328 of 34786	ini i	
Unloading Conveyting 5	02 bin to 192 168 25 3	3 (35328 of 34786	ŝ	
Uploading ConveyLinx 5	02.bin to 192.160.25.2	4 (35328 of 34786	01	
Uploading ConveyLine 5	02.bin to 192.166.25.2	4 (35320 of 34700	01	
Unloading ConveyLink_5_	02 bin to 192 169 25 2	C (25220 of 24700	00	
Uploading ConveyLink_5_	02.bin to 102.160.25.2	7 (26220 4 24700	201	
Uploading Conveycing_5_	02.bin to 132.160.20.2	7 (30320 01 34700	201	
Uploading LonveyLink_5_	02.bin to 132.166.25.4	10 (35320 of 34700	01	
Uploading LonveyLink_5_	02.bin to 132.168.25.4	3 (35328 of 34788	SU1	
Uproading ConveyLinx_5_	02.0m to 132.168.25.3	0 (30320 01 34788	XU)	
Uploading LonveyLink_5_	02.bin to 192.168.25.3	1 [35328 of 34788	NI	
Uploading LonveyLink_5_	U2.bin to 192.168.25.3	12 (35328 of 34788		
Uploading LonveyLinx_5_	UZ.bin to 192.168.25.3	13 (35328 of 34788	SU]	
III Infording Convert inv. 5	U2.bin to 192 168 25 3	14 [35328 of 34788	AUL	
oproducing conveyence_5_				

全てのnodeにDoneと表示されたらアップロード完了です。

Firmwareのアップロードを行っても各モジュール設定(モータ、速度、ZPA設定等)は変更されません。

192.168.25.20	1	5 +	+ Re	fresh	
Special Services	Contr	rol Ports	Flex Zone	Sensors	Extension
Look Ahead & Ti	ming	Upgrade	Conne	ctions	Network Services
Firmware BIN file loc	ation:				
C:\Users\pknap\De	sktop\Convey	Linx_5_02.bin			Browse
Selected Devices: (1	5)				
192.168.25.20	^				
192.168.25.21		Upload One			
192.168.25.22	10	become a second			
192.168.25.23	E	Underse ALL		Abort Uploading	1
192.168.25.24		Upload ALL			-
192.168.25.25	.				
NOTE: You can ada	et multiple dau	inon uin Matura	di Consisso 1916	served a Elut" hue	~
NUTE: TOU can sele	ot multiple dev	ices via Netwo	ik services, u	pgrade rw built	on.
Output:				_	-
Upgrading 192,168	25.20 with Fv	/ file ConveyLin	x 5 02.bin rev	ision 5.02 Done	
Upgrading 192,168	25.21 with Fv	/ file ConveyLin	x 5 02.bin rev	ision 5.02 Done	
Upgrading 192,168	25.22 with FV	/ file ConveyLin	s 5 02.bin rev	ision 5.02 Done	
Upgrading 192,168	25.23 with FV	/ file ConveyLin	x 5 02.bin rev	ision 5.02 Done	
Upgrading 192,168	25.24 with Fv	/ file ConveyLin	x 5 02 bin rev	ision 5.02 Done	
Upgrading 192168	25.25 with Fu	/ file Convey! in	w 5 02 hin rev	ision 5.02 Done	
Lingrading 192 168	25.26 with Fla	/ file Conveyl in	w 5 02 hin rev	ision 5.02 Done	
Upgrading 192 168	25 27 with Fu	/ file Convert in	w 5 02 hin rev	ition 5.02 Done	
Upground 102 100	25 29 with Fla	/ He ConveyLe	w 5 02 hin rev	ision 5.02 Done	
I I I I I I I I I I I I I I I I I I I	25 29 with Fu	/ He ConveyLi	w 5 02 hin rev	irion 5.02 Done	
Upgrading 132,160	A DECK OF A DECK	A DESCRIPTION OF A D	IN A MACHINERY	ition 5.02 Done	
Upgrading 192,168	25 30 with Fig	/ He Convert in	w 5 02 hin rev		
Upgrading 192.168 Upgrading 192.168 Upgrading 192.168	25.30 with Fv	/ file ConveyLin	1x_5_02.bin rev	nion 5.02 Done	
Upgrading 192,168 Upgrading 192,168 Upgrading 192,168 Upgrading 192,168	25.30 with Fv 25.31 with Fv 25.22 with Fv	/ file ConveyLin / file ConveyLin / file ConveyLin	1x_5_02.bin rev 1x_5_02.bin rev	ision 5.02 Done	
Upgrading 132,168 Upgrading 192,168 Upgrading 192,168 Upgrading 192,168 Upgrading 192,168	25.30 with FV 25.31 with FV 25.32 with FV 25.32 with FV	/ file ConveyLin / file ConveyLin / file ConveyLin / file ConveyLin	1x 5 02.bin rev 1x 5 02.bin rev 1x 5 02.bin rev 1x 5 02.bin rev	ision 5.02 Done	n h
Upgrading 192 168 Upgrading 192 168 Upgrading 192 168 Upgrading 192 168 Upgrading 192 168 Upgrading 192 168	25.30 with FV 25.31 with FV 25.32 with FV 25.33 with FV	/ file ConveyLin / file ConveyLin / file ConveyLin / file ConveyLin	w 5 02.bin rev w 5 02.bin rev w 5 02.bin rev w 5 02.bin rev	ision 5.02 Done ision 5.02 Done ision 5.02 Done	
Upgrading 192.168 Upgrading 192.168 Upgrading 192.168 Upgrading 192.168 Upgrading 192.168 Upgrading 192.168 Upgrading 192.168	25.30 with Fv 25.31 with Fv 25.32 with Fv 25.33 with Fv 25.34 with Fv	/ file ConveyLir / file ConveyLir / file ConveyLir / file ConveyLir / file ConveyLir	w_5_02.bin rev w_5_02.bin rev w_5_02.bin rev w_5_02.bin rev w_5_02.bin rev w_5_02.bin rev	ision 5.02 Done ision 5.02 Done ision 5.02 Done ision 5.02 Done	
Upgrading 192168 Upgrading 192168 Upgrading 192168 Upgrading 192168 Upgrading 192168 Upgrading 192168 Upgrading 192168	25.30 with Fv 25.31 with Fv 25.32 with Fv 25.33 with Fv 25.34 with Fv	/ file ConveyLin / file ConveyLin / file ConveyLin / file ConveyLin / file ConveyLin	x 5 02 bin rev x 5 02 bin rev	ision 5.02 Done ision 5.02 Done ision 5.02 Done ision 5.02 Done	2

EasyRollを閉じて頂き、パソコンとCONVEYLINXを接続しているEthernetケーブルを外して完了です。

※ファームウェアのアップデート中に、Ethernetケーブルを抜いたり、CONVEYLINXの電源を落とさないようにしてください。※対応OSはWindows 8、Window10 になります。