Number	M036a
Subject	AE-C400E/EW-C50E
Date	13 May 2025

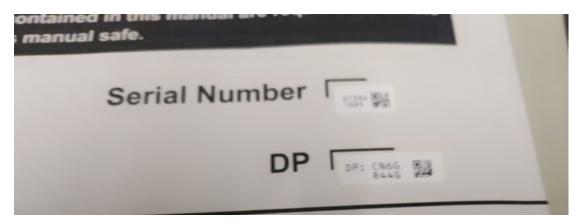
#### AE-C400E/EW-C50E

Please note that Mitsubishi Electric Central Controllers AE-200E-1/EW-50E-1 have now been replaced by AE-C400E/EW-C50E which cannot be set up via the touchscreen so it will be necessary to use the AE-C400 Initial Settings Tool and set up from a laptop via the LAN1 connection. Note that the controller comes with a USB which has the "Initial Setting Tool" software installed. You must install this first before proceeding with the following.

These controllers again **do not** support the generic Maintenance User "initial/init" username/password.

The default password is unique to each controller and can be found on the back cover of the installation manual so it is imperative to not dispose of the manual prior to setting up the controller.

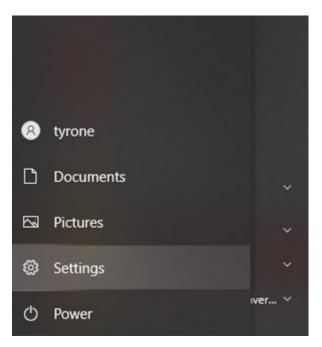
Below is an example of a default password:



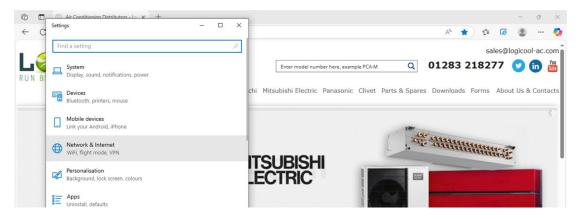
When entering the password you still type "initial" into the username (Tenant Manager – "admin" for Building Manager) and then type "Init" (first letter uppercase/next three letters lowercase) before the password (all uppercase) so, in the above example, the username is "initial" and the password is "InitCN6GR44G".

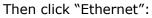


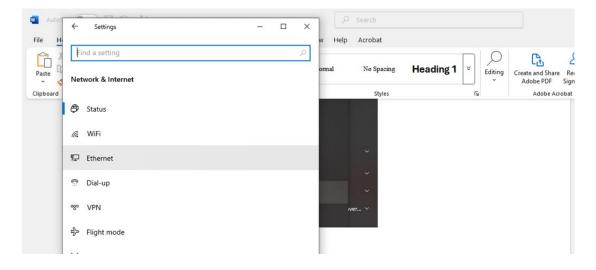
The first step is to ensure your laptop IP Address is within the same network range as the controller. To do this go to "Settings":



Then "Network & Internet":









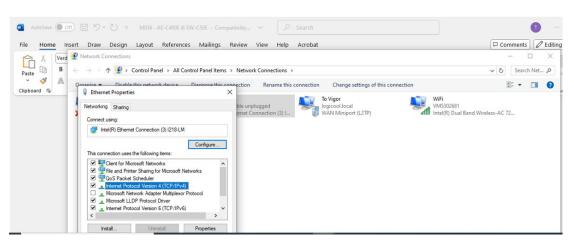
Then click "Change Adaptor Options":

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Paste Clipboard	Ethernet Not connected		ormal	No Spacing Styles	Heading 1	ت Editing	Create and Share Re Adobe PDF Sign Adobe Acrobat
	Related settings			÷			
	Change adapter options			~			
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	Network and Sharing Centre						
	Windows Firewall						
			- 0 ×		e	- e x e = e = o	
	Help from the web			[	0 01283 218	sales@logicool-ac.com	

Then double click "Ethernet":

🚾 Autos	4	Settings - X		0 -
File H		w Help Acrobat	Comments	C Editing
	ŵ	P Network Connections	- C	x u
Paste		← → ~ ↑ 😰 → Control Panel → All Control Panel Items → Network Connections →	✓ Ö Search	Net ,0
✓ < Clipboard	臣	Organise 🕶		
	Rela Chan Chan Netw Wind	Buetooth Network Connection Network Connection Bluetooth Device (Personal Area WFi Intel(R) Ethernet Connection (3) I_218-LM Intel(R) Ethernet Connection (3) I_218-LM WAN Miniport (L2TP) WAN Miniport (L2TP)	fireless-AC 72	
	Help	F		

Highlight TCP/IPv4 and click properties:





Change your IP Address to one that is higher and within the same range as the controller (for this instance I have used 192.168.1.101):

AutoSave Off	♡ ~ ひ ~ M036 - AE-C400E & EW-C50E - Compatibility ~	0 -
File Home Insert D	raw Design Layout References Mailings Review View Help Acrobat	🖓 Comments 🖉 Editing
Time 🖉 Net	vork Connections	- 🗆 X
Paste B ← -		V 🖑 Search Net 🔎
Clipboard Is	ice.	S: • 💷 📀
Ne	Wrifi         To Vigor           ble unplugged met Connection (3) L         To Vigor           Internet Protocol Version 4 (TCP/IPv4) Properties         X           General         X	1 al Band Wireless-AC 72

Click save and begin the following steps.

The second step is to connect your laptop to the LAN1 connection of the controller to download the security certificate of the controller.

You achieve this via opening your webrowser and typing in the IP address of the controller (the default IP address is 192.168.1.1) followed by :8008/cacert.cer so, this will be 192.168.1.1:8008/cacert.cer

The certificate will be downloaded to the top right corner of the screen:

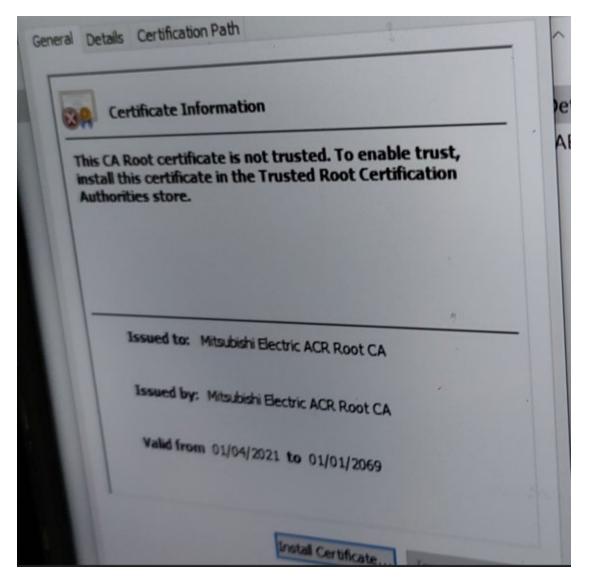
	12) B 1 15 7
Downloads	E Q \$
Cacert.cer	
See more	



Open the file and install into the Trusted Root Authorities Store on your laptop (basically follow the prompts as below):

0	open File - Security Warning	×
	Do you want to open this file?	
	Name: C:\Users\Alpin\Downloads\cacert.cer	
ni	Publisher: Unknown Publisher	de
1	Type: Security Certificate	
	From: C:\Users\Alpin\Downloads\cacert.cer	
	Open Cancel	
	Always ask before opening this file	
	While files from the Internet can be useful, this file type can potentially harm your computer. If you do not track the	_
-	Certificate Import Wizard	
	Welcome to the Certificate Import Wizard	
	This wizard helps you copy certificates, certificate trust lists, and certificate revocation lists from your disk to a certificate store.	
	A certificate, which is issued by a certification authority, is a confirmation of your identity and contains information used to protect data or to establish secure network connections. A certificate store is the system area where certificates are kept.	
	Store Location	
	Current User	
	Oliocal Machine	
	To continue, dick Next.	

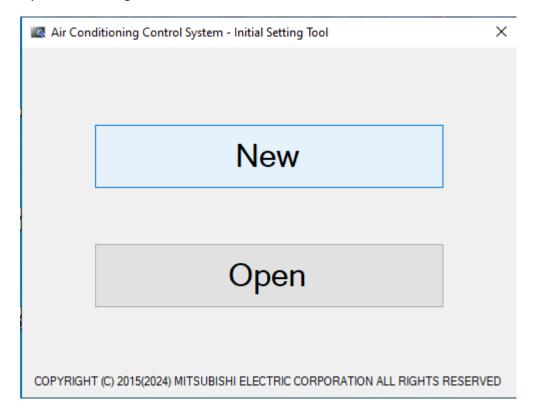






You are now able to log into the AE-C400E via the Initial Settings Tool.

Open the settings tool and click "New"



Then type in the IP Address of the controller and click "Save":

	Data verification (V) Option (O) Help (H)	
settings Unit Settings Hoor Settings Billing ection Control Target Basic System	g Function Settings Interlook Control Settings Function settings	
Connection Settings		
Centralized controller	Destination IP address-host name	
AEC400 (with LCD)	v [192.168.1.1]	·
2		
3		
5		
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III n		~



#### Next go to "Data acquisiition" and click "Acquire data"

Air Conditioning Control System - Initial Setting Tool	×
File (F)       Data acquisition (M)       Send (S)       Data verification (V)       Option (O)       Help (H)         Basic Sett       Acquire data (M)       Billing Function Settings       Interlock Control Settings       Function settings         Connection       Control Target       Basic System	
Connection Settings	
Centralized controller Destination IP address/host name	
AE-C400 (with LCD) V 192.168.1.1	^

The tool will ask you if you wish to save the file, click yes and save a copy on your desktop.

Untitled Changes of above setting have been made. Do you want to save the settings?   Yes No   Cancel  Ar Conditioning Control System - Initial Setting Tool    Air Conditioning Control System - Initial Setting Tool       Save As       Organise       Nome       Organise       Name       Organise       Name       Organise       Name        OneDrive - Logicool       Service       Service       Service       Service       Service       Service       Service       Service       Service   Organise	Confirmation	×
Air Conditioning Control System - Initial Setting Tool       Image: Save As     X	Changes of above setting have been	made. Do you want to
Save As <p< th=""><th>Yes</th><th>No Cancel</th></p<>	Yes	No Cancel
Image: Constraining Image: Constrai		
Organise < New folder     Pictures     Name     Date modified   Type     Mextraty     AE-C400 Training 2   01/05/2025 16:48   DAT     AE-C400 Training     26/03/2025 13:37     DAT     Mechtech Design S   Service   Ste Photos     OneDrive - Logicool.     This PC   3D Objects     Desktop     Kele400 Training S	Save As	×
Pictures Name   Warranty   Jet Air Stream   Mechtech Design S   Service   Site Photos   OneDrive - Logicool.   This PC   3D Objects   Desktop   V	$\leftarrow \rightarrow \checkmark \uparrow$ - vector $\rightarrow$ AE-C400 Training $\checkmark$ O	Search AE-C400 Training 🔎
<ul> <li>Warranty          <ul> <li>AE-C400 Training 2</li> <li>O1/05/2025 16:48</li> <li>DAT</li> </ul> </li> <li>AE-C400 Training 2</li> <li>Construction</li> <li>Service</li> <li>Site Photos</li> <li>OneDrive - Logicool,</li> <li>This PC</li> <li>3D Objects</li> <li>Desktop</li> <li><li><li></li> </li></li></ul>	Organise 🔻 New folder	
This PC This P	Warranty * AE-C400 Training 2 Jet Air Stream AE-C400 Training Mechtech Design S Service	01/05/2025 16:48 DAT
	This PC 3D Objects	>
A Hide Folders Cancel	∧ Hide Folders	Save Cancel



The tool will ask for the Username and Password, these are as outlined at the beginning of this document:

ettings	Unit Set	tings F	loor Settings	Billing Function Sett	ings	Interlock Con	trol Settings	s Functio	on settings			
ction	Control T	arget E	asic System									
	_											
~		uthenti	cation infor	mation input							×	:
Con	nee	Enter ID	and passwor	d.								
	Centr									Show password		
		Centrali	zed controller	No.:					ID	Password		^
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		1					Ľ					
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4												
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5												1
										ОК	Cancel	

The tool will start to search for the controller settings:

) Da	ata acquisition	(111) 36										
ettings	Unit Settings	Floor Sett	ings Billi	ng Function Settin	s Interloc	k Control Sett	ings Fu	nction settings				
ction	Control Target	Basic Sys	stem									
		-										
OF	nnection	Cottin										
	mecuon	Semi	iqs									
5011	mecuon	Semi	igs									
CON	Centralized co		igs	Des	ination IP a	ddress/host n	ame					
	Centralized co	ntroller				ddress/host n	ame					
	Centralized co				ination IP a	ddress/host n	ame					^
1	Centralized co	ntroller				ddress/host n	ame					^
1	Centralized co	ntroller		~ [192	168.1.227	ddress/host n	ame					^
1	Centralized co	ntroller			168.1.227	ddress/host n	ame			×		^
1	Centralized co	ntroller		~ [192	168.1.227	ddress/host n	ame		]	×		
1	Centralized co	ntroller		Acquiring	168.1.227 Jata	ddress/host n	ame		]	×		^
1	Centralized co	ntroller		Acquiring	168.1.227 data	ddress/host n	ame		]	×		
1	Centralized co	ntroller		Acquiring	168.1.227 data	ddress/host n	ame		]	×		^
1	Centralized co	ntroller		Acquiring	168.1.227 data	ddress/host n	ame			×		
1	Centralized co	ntroller		Acquiring	168.1.227 data	ddress/host n	ame			×		



#### When finished the screen should look like this:

ile (F) Da	ata acquisition	(M) Send (	) Data verifi	ation (V)	Option (O)	Help (H	<del> </del> )					
sic Settings	Unit Settings	Roor Settings	Billing Function	Settings Int	terlock Control	Settings	Function settin	gs				
onnection	Control Target	Basic System										
0		0										Ĩ
Cor	nnection	Settings	N									
												-
	Centralized cor	troller		Destination	1 IP address/h	ost name						
	Centralized cor				n IP address/h	ost name			 		 ^	
1		ntroller (with LCD)	~	Destination		ost name				 	 ^	
1			~			ost name				 	 ^	
1	AE-C400		v			ost name				 	 ^	
1			~		227	ost name	lata	×	 	 		
1	AE-C400		~		227		lata	×		 		
1	AE-C400		~		227	.cquiring c				 	 <b>^</b>	
1	AE-C400		~		227	.cquiring c	lata sition comple			 	 <b>^</b>	

You are now ready to begin setting up the units on your controller. Go to Groups (Unit Settings) and add the unit type and MNET address as below:

🛃 Air Con	ditioning Contr	ol System - Initial S	etting Tool							×
File (F)	Data acquisition	(M) Send (S)	Data verification (V	) Option (O) Hel	p (H)					
Basic Setting	gs Unit Settings	Floor Settings Bill	ing Function Settings	Interlock Control Setting	s Funct	ion settings				
Groups H	Hot Water Supply	Refrigerant System	Outdoor Unit Name	Interlocked LOSSNAY	Blocks	Energy Management Block	PI Controller	AI Controller	Modbus Connection	AHC Port Nar
· · · · · · · · · · · · · · · · · · ·	Т	arget centraliz	ed controller:	1				~		
Gr	oup Setti	ngs								
	Group Na	me		System Confi	guration					
	Room 1			] 🔂 1						^
	1									
	Room 2			] 🔁 2						
	2									
				1 <del></del> .						1



File (F) Data acquisition (M) Send (S) Data verification (V) Option (O) Help (H) Basic Settings Unit Settings Floor Settings Billing Function Settings Interlock Control Settings Function settings	×
asic settings on details hor settings sing Function settings interfock Control settings Function setti	°ort Nar ◀ ▶
Target centralized contro       Group Name: Room 1         Group Name	
Image: Contract of the service of t	

Click "Save" at the bottom of the screen as you input each Group to ensure you have saved all changes. When you are finished you will need to send the data to the controller. To do this you click "Send to all controllers":

Air Conditioning Control System - Initial Setting Tool		×
File (F) Data acquisition (M) Send (S) Data verification (V) Basic Settings Unit Settings Floor Groups Hot Water Supply Refine Target centralized controller: 1 Group Settings	Ier (I)  Tol Settings Function settings OSSNAY Blocks Energy Management Block PI Controller AI Controller Modbus Connection	AHC Port Nar • •
Group Name	System Configuration I	
2 Room 2		



#### You will be asked for the password once again, this is the same as before:

e (F)		2		al Setting Tool Data verifi	cation (V	) Option (O)	Help (H)							
ic Settir	ngs	Unit Settings	Floor Settings	Billing Function	Settings	Interlock Control	Settings Func	tion settings						
oups	Hot V	Nater Supply	Refrigerant Sys	tem Outdoor U	nit Name	Interlocked LOS	SNAY Blocks	Energy Manageme	nt Block PI	Controller	Al Controller	Modbus Connect	ion AHC	Port Nar 4
		Т	arget centra	alized contro	oller:	1					~			
		Authe	ntication inform	nation input									×	
G	rou	IP Enter	ID and password	ł.									12	
		G								Show pass	word			I
		Cent	ralized controller	No.:				ID		P	assword		٦llî	
		1					initial		•••••					
		1												
		2												
		1												
		3												
													~	
										ОК		Cancel		
		4												
							41 41 4 41 41 4						~	

As the tool sends the data, you will see the units populate onto the screen and it will be ready for operation.

Date & Time settings can be changed either on screen or via your laptop (for laptop type <a href="https://192.168.1.1/control">https://192.168.1.1/control</a> and login using Username & Password as above). To change these go to Initial Settings:

er	66 Monitor / Operation	Energy Management	:::; Schedule	Notice
	😤 Floor	III Usage Status	Schedule settings	🔄 Error List
in na	≡ List	배 Peak Cut	🖷 Date range setting	🔄 Unit error log
	III Status list			쓴 M-NET error log
				은 Network error list
				Filter sign
	🔅 Initial settings			
	<ul> <li>Initial settings</li> <li>General settings</li> </ul>	]		



lnitial settings	Controller settings	Select Controller	SC01 >
Controller settings			
Network settings	Date and time	12/05/2025 09:05:52	
Hot Water Supply Settings	Time zone(Region)	UTC	•
Gettings	Time Synchronization	No sync	•
	Air-conditioner Settings		
	Test run		OFF -
	browser settings		
	Error warning		Disable 👻
© 2024 MITSUBISHI ELECTRIC CORPORATION ALL RIGHTS RESERVED		Cancel	Save

IP Address (LAN1 & LAN2) can be changed in "Network Settings".

⇔Initial settings	Network settings	Select Controller SC01 >
Controller settings	LAN1	Manual 🗸
Network settings	LANT	ividi dai
Hot Water Supply	IP address	192.168.1.227
Settings	Subnet mask	255.255.255.0
	Gateway	192.168.1.254
	MAC address	28E98E062152
	DNS	Manual 👻
	Preferred DNS server	
	Alternate DNS server	
	LAN2	Manual 👻
	IP address	192.168.2.1
© 2024 MITSUBISHI ELECTRIC CORPORATION ALL RIGHTS RESERVED		Cancel Save



N ∂∂ Monitor / Operation	Energy Management	Schedule Schedule	<u>∕</u> Notice
😤 Floor	III Usage Status	Schedule settings	🔄 Error List
≡ List	,iii∱ Peak Cut	🖷 Date range setting	🔄 Unit error log
III Status list			손 M-NET error log
			P Network error list
			- Network error his
			Filter sign
🕼 Initial settings			
General settings			
	]		

The Username & Password can be changed in "Maintenance":

Go to "User Registration" and change the various user settings to Usernames/Passwords of your own choice:

<b>A</b> Home		
Ö Settings		
KT Maintenance		User registration
		Initial settings
		Function
		Ventilation Settings
<b>A</b> Home		
Settings		
٨T		Commissioning user
Maintenance		For Building Managers
	<	For Tenant Managers
		For General Users



# When finished with all settings please ensure you return your laptop to automatic IP Address:

Internet F	Internet Protocol Version 4 (TCP/IPv4) Properties										
General	Alternative Configuration										
this cap	You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.										
⊚ Oł	otain an IP address automatica	ally									
OUs	e the following IP address: —										
IP ac	ldress:					]					
Subr	iet mask:					]					
Defa	ult gateway:					]					
() Ot	otain DNS server address auto	maticall	у								
OUs	e the following DNS server ad	dresses	:				.				
Prefe	erred DNS server:					]					
Alter	native DNS server:		÷.,	÷.,		]					
. <b>v</b>	alidate settings upon exit				Advar	nced					
				OK		Cancel					

