

### **1**Connecting AD4430C to PC by USB cable

### **Device Installation**



Turn on power of the AD4430C and connect the USB cable

2 A software installation message will appear shortly as shown below



### What to do if the COM Port is not known

① Open the control panel window and click device manager

② Expand the COM LPT Port option to reveal USB Serial Port (COM). The number after COM is the port number



### What to do if drivers were not installed automatically

Access the following link <u>http://www.ftdichip.com/FTDrivers.htm</u>
 Press click here

#### Drivers

PLEASE NOTE - When updating drivers, refer to the following document: AN\_107 - Advanced Driver Options

New drivers are now available to support the FT4222H - for D2XX drivers please click here.

③Select setup executable and download

Windows*	2014-09-29	Available as <u>setup</u> <u>executable</u> Contact <u>support1@ftdichip.com</u> if looking to create cusomised drivers	-	-	-	-	-	
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 $\textcircled{\sc 0}$  After downloading CDM v2.12.00 WHQL Certified.exe click the file and install

Note: When CDM v2.12.00 WHQL Certified.exe is updated the version number, 2.12.00, will change



# **O** WinCT-UFC (Can read and alter multiple settings at once)

#### **Downloading WinCT-UFC**

Select WinCT-UFC 1.8MB ZIP file on our homepage (http://www.aandd.jp/products/software/winctufc.html)

Download WinCT-UFC 1.8MB ZIP file

# 2 Unzip WinCT-UFC\_E100.zip and run SETUP.EXE.

3 Press Ok

Click the computer icon to begin installation.

A&D WinCT-UFC Setup	A&D WinCT-UFC Setup
Welcome to the AD WinCT-UFC installation program. Setup cannot install system files or update shared files if they are in use. Before proceeding, we recommend that you close any applications you may be running.	Begin the installation by clicking the button below.         Image: Click this button to install AD WinCT-UFC software to the specified destination directory.         Directory:         C:\Program Files (x86)\WinCT-UFC\
OK Exit Setup	E <u>x</u> it Setup

### 5 Select "A&D WinCT-UFC"



# 6 Installation is complete





# **O** WinCT-UFC (Can read and alter multiple settings at once)

### WinCT-UFC Connection Settings



Port: Select the number corresponding to port number noted earlier.



Baud Rate: 9600



Parity: E



Stop Bit: 1



Length: 7bit



Terminator : CR/LF



# **O** WinCT-UFC (Can read and alter multiple settings at once)

### **Connection Operation Instructions**

1 Enter 0999 into the Send Data box to read out all functions





WinCT-UFC Ve	r.1.00 – 🗆 🗙			
File(F) RS232C(R) Wai	t(W)			
A&D Company,Limited				
Send	Stop			
Send Data	Received Data			
0999				

3 Function settings will display in the Received Data box



Copy the function row for the setting that is to be altered



Note: Select multiple rows to change more than one function setting at a time



# **O** WinCT-UFC (Can read and alter multiple settings at once)

Paste the data into the Send Data box to overwrite the selected value(s)

B WinCT-UFC Ver	r.1.00 – 🗆 🗙				
File(F) RS232C(R) Wait	t(W)				
A&D Company,Limited					
Send	Stop				
Send Data Received Data					
1205,+000008 1202,+000013 1203,+000001 1204,+000000 1205,+000008 1206,+000023 1207,+000001 1208,+000000 1209,+000001					

6 Write the new setting data and press send



7 If the same element is displayed in the Received Data box settings were changed

WinCT-UFC Ver	.1.00 – 🗆 🗙				
File(F) RS232C(R) Wait	:(W)				
A&D Company,Limited					
Send	Stop				
Send Data	Received Data				
1205,+000014	1802,+000002 ^				
	1803,+000004				
	1804,+000001				
	1806,+000000				
	1807,+000000				
	1205,+000014				
	<b>~</b>				

8 Press stop to finish

WinCT-UFC Ve	r.1.00 – 🗖	×		
File(F) RS232C(R) Wai	t(W)			
A&D Comr	panylimited			
Send	Stop			
Send Data	Send Data Received Data			
1205,+000014	1202,+000013	^		
	1203,+000001			
	1204,+000000			
	1205,+000008			
	1206,+000023			
	1207,+000001			
	1208,+000000			
	1203,+000001	¥		

Note: Send data and Received Data can be saved to a text editor through the File menu.



## **O**WinCT (Can read and alter settings for a single element)

#### **Downloading WinCT**





### **O**WinCT (Can read and alter settings for a single element)

#### WinCT-RsCom Connection Settings

Click the RsCom executable from WinCT

69	Rs	Com Ver.5.10 – 🗆 🗙				
A&D Company,Limited						
RS232C		Manual/Repeat				
Port :	. Ę	Repeat 5 sec				
Baud Rate	СОМЗ	Data Format				
Parity	E 💌	Command PU				
Length	7 •	Received Data				
Stop Bit	1 🔹	Command Date				
Terminator	CR/LF 💌					
Clear	Save	Printer Start End				

Port : Select the port noted earlier.

e9	Rs	Com Ver.5.10	- 🗆 🗙			
A&D CompanyLimited						
RS232C		Manual/Repeat				
Port :	СОМЗ 🔻	Repeat	5 sec			
Baud Rate	9600 💌	Data Format	Seq. No			
Parity	E 💌	Command	D PU			
Length	N O	Received Data				
Stop Bit	E					
Terminator	CR/LF -	Q	•			
Clear	Save	Printer Start	End			

Parity: E



Stop Bit: 1

699	R	sCom Ver.5.10 – 🗖 🗙				
i	A&D Company,Limiled					
RS232C		Manual/Repeat				
Port :	COM3 -	Repeat 5 sec				
Baud Rate	9600 -	Data Format				
Parity	1200	Command PU				
Length	2400 4800	Received Data				
Stop Bit	9600 14400	Command Data				
Terminator	19200	Q -				
Clear	28800 Save	Printer Start End				

Baud Rate: 9600



Length: 7bit



Terminator : CR/LF



# **O**WinCT (Can read and alter settings for a single element)

#### **Operation Instructions**

1 Press Start to begin connection

ø	RsC	Com Ver.5.10 🛛 🗕 🗖 💌
	Z	ND
	A&D Co	ompany,Limiled
Port :	сомз 🔻	Manual/Repeat
Baud Rate	9600 💌	Data Format
Parity 1	E 🔻	Command DU
Length	7 💌	Received Data
Stop Bit	1 🔻	9999,+999999
Terminator	CR/LF 🔻	Command Data
Clear	Save	Printer Start End

Enter the desired setting function code into the Command Data box and press Command

3

•	RsCom Ver.5.10	- 🗆 ×				
A&D CompanyLimited						
RS232C	Manual/Repeat	5 sec				
Baud Rate 960	Data Format	e 🗆 Seq. No				
Parity E	Command	□ PU				
Length 7	Received Data					
Stop Bit 1	y 9999,+999999					
Terminator CR/	LF _ Command Data	•				
Clear Sa	ve Printer Com	and Stop				

2 When the mark at the top left of the window flickers connection has been established

·o:	Rs	Com Ver.5.10 – 🗆 🗙				
A&D CompanyLimiled						
Baud Rate Parity Length Stop Bit Terminator	9600 V E V 7 V 1 V CR/LF V	Data Format Time Date Seq. No Command PU Received Data 9999,+999999 Command Data				
Clear	Save	Printer Command Stop				

4 The value displayed in the box at the bottom of the window is the current function setting

) <b>O</b> (	Rs	Com Ver.5.10 – 🗆 🗙		
A&D CompanyLimited				
RS232C Port :	сомз 🖵	Manual/Repeat 5 sec		
Baud Rate	9600 🔻	Data Format		
Parity	E 🔽	Command DU		
Length	7 🔽	Received Data 1206.+000015		
Stop Bit		Command Data		
Terminator	CR/LF	1206 🗸		
Clear	Save	Printer Command Stop		
1206,+000015				



# **O**WinCT (Can read and alter settings for a single element)

5 Paste the current function, change the last 2 digits to the desired setting and press Command.

RS232C Port : COM3 Y Baud Rate 9600 Y Baud Rate 9600 Y				
RS232C Port : COM3 ¥ Baud Rate 9600 ¥ Data Format Time Format				
Port:     COM3     v     Repeat     5     sec       Baud Rate     9600     v     Data Format				
Baud Rate 9600 V Data Format				
IIIME   Date   Det. NO				
Parity E Command DU				
Length 7 Received Data				
Stop Bit 1 1206,+000015				
Terminator CR/LF  CR/LF  CR/LF  COmmand Data				
Clear Save Printer Command Stop				
1206,+000015				

6 If the settings data appears in the box at the bottom of the window settings were changed successfully. Press stop to finish editing settings.

• RsCom Ver.5.10 - 🗆 🗙			
RS232C Port : COM3 V Repeat 5 sec			
Baud Rate 9600 - Data Format			
Parity E			
Length 7 Received Data			
Stop Bit 1 7   1206, +000012			
Terminator CR/LF V 1206,+000012			
Clear Save Printer Command Stop			
1206,+000012			