## ZYX-M from V1.01 toV1.04 Upgrade instruction

1:ZYX25 firmware upgrade original version 1.01 as picture 1:

ZYX-M Assistant		Help ? 🐖 🗕 🗙
View Basic Advanced Tool		OM3 🛛 🖓 🔇
Firmware Upgrading	Device Type: ZYX Multi-Rotor Controller	
Firmware Upgrading 1. Please make sure the connection between main controller module and PC assistant software and observe the firmware versions are correct.	Current version: 1.01	New firmware available!
<ol> <li>Choose a firmware file to upgrade.</li> <li>3. Click "Upgrade" and wait for finish.</li> <li>Attention!</li> </ol>		Open Firmware
<ul> <li>If errors occur during upgrading, please check the module you have connected for upgrading.</li> </ul>		Start Upgrade
Before upgrading, please ensure you have successfully connected the control module and the version number of firmware has shown in the software.		
<ul> <li>If the device is not broken, you can upgrade it repeatedly for several times.</li> </ul>	Software Version: 1.01	Update Online
Please screenshot your upgrade     problems through the Easthook ison on	Copyright.20	15.TAROT.All Rights Reserved
		Connected

## [P1]

2:Click the "New firmware available ", Click "Refresh", then Click "Download", as picture2

ZYX-M Assista	nt 〒 语言	Help ? ᅖ – 🗙
View	Image: Basic     Image: Advanced     Image: Foot State	COM3 COM3
Firm	nware Upgrading	e
Firmware 1. Please between r	Firmware Upgrade	New firmware available!
firmware \ 2. Choose 3. 3. Click Attention! • If errors please ch connecter	The latest firmware version: 1.04 Update: 1.Altitude display modified to relative altitude display in tool page. 2.Optimize the landing code.	Open Firmware Start Upgrade
Before i have succ module a firmware i If the de upgrade i	Download Refresh Close	fo Update Online
Please s	creenshot your upgrade	Copyright.2015.TAROT.All Rights Reserved
		Connected
	[P2]	

3:Click "Start Upgrade", as picture 3:

Firmware Upgrade
Current Version: 1.01
The latest firmware version: 1.04 Update: 1.Altitude display modified to relative altitude display in tool page. 2.Optimize the landing code. Download firmware file OK!
Start Upgrade Refresh Close

[P3]

4: When the progress moved, indicate upgrading ,as picture 4:

Firmware Upgrade
Current Version: 1.01
The latest firmware version: 1.04 Update: 1.Altitude display modified to relative altitude display in tool page. 2.Optimize the landing code. Download firmware file OK! COM3 open OK File open OK
Stop Upgrade Refresh Close
[P4]

5: The ESC have the" bit" short sound when upgrading, finished upgrade the ESC will have "drop" long sound, and the software also indicate completed, then click the " close ", as picture 5:

Firmware Upgrade	
Current Version: 1.01	
Update:	
<ol> <li>Altitude display modified to relative altitude display in tool page.</li> <li>Optimize the landing code.</li> </ol>	
Download firmware file OK!	=
File open OK	
Upgrading now, please wait Upgraded OK	
Exit	-
Download Refresh Close	

[P5]

ZYX-M Assistant 🛛 🔻 语言			Help ?	🖷 – 🗙
View Basic Advanced To	<b>/-</b> 0	info	COM3 Write Flash	Disconnect
Firmware Upgrading	Â	Device Type: ZYX Multi-Rotor Controller		
Firmware Upgrading		Firmware		
1. Please make sure the connection between main controller module and PC assistant software and observe the firmware versions are correct.		Current version: 1.04		No Update
2. Choose a firmware file to upgrade.				
3. 3. Click "Upgrade" and wait for finish. Attention!	ш		1	Open Firmware
<ul> <li>If errors occur during upgrading, please check the module you have connected for upgrading.</li> </ul>				Start Upgrade
<ul> <li>Before upgrading, please ensure you have successfully connected the control module and the version number of firmware has shown in the software.</li> </ul>				
<ul> <li>If the device is not broken, you can upgrade it repeatedly for several times.</li> </ul>		Software Version: 1.01		Update Online
Please screenshot your upgrade     problems through the Foodbook ison on	Ŧ	Соруг	ight.2015.TAROT.All	Rights Reserved
				Connected

[P6]

<sup>6:</sup> The completed interface, as picture 6 :

## As the picture, it's the V1.01, The Altitude showed negative number

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Fo 🔧 🚓 📶	5	СОМЗ
		Write Flash Disconne
View Basic Advanced Tool	Info	
Sensors Calibration	Gyroscope(degree/s)	1
When the flight controller is stationary     and the module value of avroscope is	X -0.3 X -0.2 7 -0.2 Mod 0.4	Export Parameters
over 0.2, you should calibrate the gyro.		
stationary. Click "Calibrate Gyroscope",		Import Parameters
until the status bar shows OK.	Accelerometer(m/s*2)	·
When the flight controller is stationary	X -0.2 Y -0.1 Z -9.8 Mod 9.8	
is over 10.0 or less than 9.6, you should		Restore Default Setting
calibrate the accelerometer. Procedures: remove the flight controller	Attitude(degree)	Trestore Delaur Setting
from aircraft, and click "Calibrate Accelerometer". Put the main controller	Pitch -2.2 Roll 2.0 Heading 316.7	
on a level table and make sure all the six sides have been placed in turns for		
2 seconds, until the status bar shows OK.	Compass error Altitude(m)	Calibrate Acceleromet
Please Click "Write Flash" when all		Calibrate Gyroscope
the parameters have been modified		J
		0
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cessful upgrade :		Conne
cessful upgrade : MAssistant		Help ? 📟 –
cessful upgrade : MAssistant 〒语言	5	Help ? 📟 –
cessful upgrade : MAssistant 〒 语言	¢	Help ? 📟 –
cessful upgrade : MAssistant 〒 语言 View Basic Advanced Tool	<b>F</b> Info	Help ? 📟 – COM3 🐨 🕻
cessful upgrade : M Assistant マ语言 下 Assistant マ 语言 View Basic Advanced Tool	<b>F</b> Info	Help ? 💷 – COM3 🐨 😋
cessful upgrade : MAssistant 〒 语言 View Basic Advanced Tool	Info Gyroscope(degree/s)	Help ? 📟 –
cessful upgrade :         M Assistant       ▼ 语言         Image: Sensors Calibration         • When the flight controller is stationary and the module value of pyroscope is	Gyroscope(degree/s)	Help ? P –
cessful upgrade : M Assistant ● 译语 View Basic Advanced Tool Sensors Calibration When the flight controller is stationary and the module value of gyroscope is over 0.2, you should calibrate the gyro. Reroedures: keen the flight controller	Gyroscope(degree/s)           X -2.8         Y -0.7         Z -0.4         Mod 2.9	Help ? 💷 – COM3 🐨 😋 Write Flash Disconnect
cessful upgrade :         M Assistant          Image: Second Se	Gyroscope(degree/s)           X -2.8         Y -0.7         Z -0.4         Mod 2.9           Accelerometer(m/s/2)	Help ? P –
Cesssful upgrade :         M Assistant          Image: Control of the state of the stat	Gyroscope(degree/s)           X -2.8         Y -0.7         Z -0.4         Mod 2.9           Accelerometer(m/s*2)	Help ? P – COM3 C Write Flash Disconnect Export Parameters Import Parameters
Cessful upgrade : MAssistant 《 语言 论 语言 论 When the flight controller is stationary and the module value of gyroscope is over 0.2, you should calibrate the gyro. Procedures: keep the flight controller stationary. Click "Calibrate Gyroscope", until the status bar shows OK.	Gyroscope(degree/s)           X         -2.8         Y         -0.7         Z         -0.4         Mod         2.9           Accelerometer(m/s°2)         X         -0.2         Y         -0.1         Z         -9.8         Mod         9.8	Help ? Parameters
Cesssful upgrade :         M Assistant          ● 语言         ● 近回       ● 语言         ● View       Basic       Advanced         ● View       Basic       Advanced         Sensors Calibration       •       •         • When the flight controller is stationary and the module value of gyroscope is over 0.2, you should calibrate the gyro. Procedures: keep the flight controller stationary. Click "Calibrate Gyroscope", until the status bar shows OK.       ●         • When the flight controller is stationary and the module value of accelerometer is over 10.0 or less than 9.6, you should colibrate the accelerometer.       ■	Gyroscope(degree/s)           X -2.8         Y -0.7         Z -0.4         Mod 2.9           Accelerometer(m/s*2)           X -0.2         Y -0.1         Z -9.8         Mod 9.8	Help ? Parameters
MAssistant        语言         MAssistant        语言         Wiew       Basic       Advanced       Tool         Sensors Calibration            • When the flight controller is stationary and the module value of gyroscope's, until the status bar shows OK.           • When the flight controller is stationary and the module value of accelerometer is over 10.0 or less than 9.6, you should calibrate the accelerometer.           • When the flight controller is stationary and the module value of accelerometer.            • When the flight controller is stationary and the module value of accelerometer.             • When the flight controller is stationary and the module value of accelerometer.             • When the flight controller is stationary and the module value of accelerometer.             • Our less than 9.6, you should calibrate the accelerometer.	Gyroscope(degree/s)           X -2.8         Y -0.7         Z -0.4         Mod 2.9           Accelerometer(m/s*2)           X -0.2         Y -0.1         Z -9.8         Mod 9.8           Attitude(degree)	Help ? P – COM3 C Write Flash Disconnect Export Parameters Import Parameters Restore Default Settings
Cesssful upgrade :         M Assistant          Image: Control of the second s	Gyroscope(degree/s)         X       -2.8       Y       -0.7       Z       -0.4       Mod       2.9         Accelerometer(m/s <sup>4</sup> /2)       X       -0.2       Y       -0.1       Z       -9.8       Mod       9.8         Attitude(degree)	Help ? P – COM3 C Write Flash Disconnect Export Parameters Import Parameters Restore Default Settings
cessful upgrade :         M Assistant          Image: Second Se	Gyroscope(degree/s)           X         -2.8         Y         -0.7         Z         -0.4         Mod         2.9           Accelerometer(m/s*2)         X         -0.2         Y         -0.1         Z         -9.8         Mod         9.8           Attitude(degree)         Pitch         -2.2         Roll         1.5         Heading         325.8	Help ? Parameters
Cesssful upgrade :         M Assistant          Image: Control of the state	Gyroscope(degree/s)           X = 2.8         Y = 0.7         Z = 0.4         Mod = 2.9           Accelerometer(m/s*2)           X = 0.2         Y = 0.1         Z = 9.8         Mod = 9.8           Attitude(degree)           Pitch = 2.2         Roll = 1.5         Heading = 325.8           Compass error         Attitude(m)	Help ? P – COM3 C Write Flash Disconnect Export Parameters Import Parameters Restore Default Settings Calibrate Accelerometer
MAssistant        语言         MAssistant        语言         We assistant        语言         We assistant        @       语言         We assistant        @       @       Image: Comparison of the status of the status of the status of the module value of the status of the module value of the status of the module value of the status of the status of the status of the status of the module value of the status of the st	Gyroscope(degree/s)         X -2.8       Y -0.7       Z -0.4       Mod 2.9         Accelerometer(m/s*2)         X -0.2       Y -0.1       Z -9.8       Mod 9.8         Attitude(degree)         Pitch -2.2       Roll 1.5       Heading 325.8         Compass error       Attitude(m)         Attitude(m)       Attitude(m)	Help       ?       P       -         COM3       Image: Comment of the second
MAssistant        语言         MAssistant        语言         Windowski and Windowsk	Gyroscope(degree/s)           X = 2.8         Y = 0.7         Z = 0.4         Mod 2.9           Accelerometer(m/s <sup>o</sup> 2)           X = 0.2         Y = 0.1         Z = 9.8         Mod 9.8           Attitude(degree)           Pitch = 2.2         Roll 1.5         Heading 325.8           Compass error         Attitude(m)           0         0.0	Help       ?       P
MAssistant       <	Gyroscope(degree/s)           X -2.8         Y -0.7         Z -0.4         Mod 2.9           Accelerometer(m/s*2)           X -0.2         Y -0.1         Z -9.8         Mod 9.8           Httitude(degree)           Pitch -2.2         Roll 1.5         Heading 325.8           Compass error         Altitude(m)         0.0	Help       ?       P       -         COM3       C       C         Write Flash       Disconnect         Export Parameters       Import Parameters         Import Parameters       C         Calibrate Accelerometer       Calibrate Gyroscope