DTools v3.5.2 new function description

For specific description, please refer to "Kinco DTools User Manual"

1 Newly added functions

1.1 Added VNC server setting function to HMI properties

/II At	tribute									
lt	User Pern ern et Time Sy	nissions Settir	-			ents Storag	je COM2 Settina	1	Print Se	-
Int HMI	-			me COM0 HMIExtended Attr		-		n Text		ed Memory Levels Sett
Net	work Setting-	1				1				
	Open FTP P	'assword:	888888			Nel	twork Device S	etting		
						Data	a Transmission	Setting		
	work 0 Setting	~	Subnet			Default			_	
IP	192 . 168	. 0 .100	Mask	255 . 255 . 255 .	0	Gateway	192 . 168 .	υ.	1	
			DNS1	0.0.0	0	DNS2	0.0.	0.	0	
E e	Enable DHCP	(Slave is not i	recommend	, led to enable)			,			
Net	work 1 Setting	g								
IP	192.168	. 1 . 253	Subnet Mask	255 . 255 . 255 .	0	Default Gateway	192.168.	0.	1	
	,		DNS1	0.0.0.	0	DNS2	, 0.0.	0	0	
								· · ·		
_	Enable DHCP	(Slave is not i	recommend	led to enablej						
	Fi Setting		Subnet	· · · · · · · · · · · · · · · · · · ·		Default			_	
IP	192 . 168	. 2 . 253	Mask	255 . 255 . 255 .	0	Gateway	192 . 168 .	0.	1	
			DNS1	0.0.0.	0	DNS2	0.0.	0.	0	
⊡ E	Enable DHCP	(Slave is not i	recommend	, led to enable)			,			
Dier	blay Setting-								=	
	olay mode	© He	rizontal	C Vertical			Field Bus Setti	ng		
	Save Screens	hot to The E	xtended Me	emory						
		O Us	B1		0	НМІ		_		
			00000	0			10 P			
Πu	Jse operation	password:	88888			🗌 Open	multi-client			
Πu	Jse monitoring	g password:	88888	3						
Des	cription									
						Γ	ок	Car	ncel	Help

1.2 KDManager added the function of getting LAN 1, wifi IP

$\widehat{}$	Download Operate	Communication Set Communication Type NetWork
	Upload Operate	IP: 192.168.205.120 PORT: 21845
<u>P</u>	System Operate	Serial NO. MULL Set Wi-Fi Set
യ	Get Version	Get HMI IP/PORT information
	Decompile Operate	WIFI LANO LAN1
1	Net Pass Through	Set LAN IP/PORT IP: 192 168 0 100 PORT 21845
1	Virtual COM Through	Return Section
1	Bridged Net Pass Through	Return User Application Status Write Firmware Return Set Application Status
		Synchronization system time

1.3 Added Bridged Net Pass Through

🔝 KDM	anager	- 🗆 X
\bigcirc	Download Operate	Communication Set Communication Type NetWork
	Upload Operate	IP: 10.8.1.120 PORT: 21845
2	System Operate	Serial NO. NULL Set Wi-Fi Set
0	Get Version	LANIP: 192 . 168 . 1 . 15 TIP: The same network segment as the target FLC IP (Different network
	Decompile Operate	segment from PC) and not used
멉	Net Pass Through	
멉	Virtual COM Through	
멉	Bridged Net Pass Through	✓ Keep the project working
		Start pass through communication Stop pass through communication
		< Exit Exit

1.4 Beckhoff free-tag driver twincat version 3.0, new label file supports importing .tpy type

Import Label				×
PLC Type				
TwinCat Ver	sion 3.0			•
Files(*.TcDU	F;*.TcGVL;*.TcPOV)	or File(*.tpy)		
DataType	File Path			
<				>
		Delete	Browse	Import
ErrorInfo —				
				~
				\sim
Error Count:			Label Count:	0
			OK	Cancel
			L	

1.5 Multiple State switch element added state display function

Multi-State Swit	ch Component	t Attribute					×
Basic Attributes	Multi-State Swite	h Tag Gr	aphics Contr	ol Setting	Display Setting]	
Control Mode	Add 🔹	🗌 Unloop	Key	NULL	•		
State Num.	6 •	Data Type	signed int			-	
Line Spacing	0						
Executed W Data Mapping	/hen The Button I	s Released					
Display	State No.	Map Val	ue				
Ves Yes	0	0					
✓ Yes	1	1					
Ves	2	2					
Yes	4	4					
✓ Yes	5	5					
					ОК	Cancel	Help

1.6 Windows Component added auto resize window function

Windows Comp	oonent Attribute						×
Basic Attributes	DirectWindow D	isplay Setting					
Frame ID	0: Frame0	-					
Variable D	isplay Coordinates			Auto Resiz	e Windowj		
НМІ	HMI1 - PLC No.	PLC_0 -	Ho	rizontal	Left	•	
Port	Net		Ver	rtical	Тор	•	
Change	Station Num						
	1	-					
Addr. Type	LW	Ψ.					
Address	0						
Code Type	BIN 👻						
Word Lengt	th 2 👻						
🗌 🗌 Use Ad	dress Tag						
Format(Ran	ge):DDDDD (0102	:55)					
						1	
			OK		Cancel	Hel	p

1.7 Rounded rectangle added customization fillet radius

Graphics Attribute			×
Geometric Figure			
Line Color Line Width Line Style Arrow Arrow Style Roundrect Fillet Radius 10	Y 8 Width 1	55 🔹 5 🔹 97 🔹 38 🗣	
Filling Background Fill Color Foreground Fill Color Pattern Fill Fountain Fill			
	OK	Cancel	Help

1.8 Event information logon support Data type setting

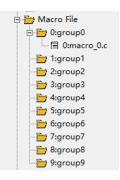
Event				×
	HMIO - Type: O	▼ Level: 0	🔹 🥅 wouldn't delete when tr	iggered
Address		Trigger Function-		
HMII HMIO -	• PLC •	Execute Macro		-
	ge Station Num 0 🔹 🔻	🔲 Pop-up Window	0:FrameO	*
Code Type BIN 7	🗖 Use Address Tag	Confirm Pop	🔿 Trigger Pop	
Data	V 1 1 00 1	🔲 Close popup when	resuming	
Type Word	Unsigned 32-b	Write(Trig)	🚽 🔲 Write(Confirm) 📊	-
Addr. Type LW	Signed 16-bit decima	T T T T T T T T T T T T T T T T T T T		
	Unsigned 16-bit deci	mal ^a rite(Resume) 0	-	
Addr. 0	Addigned 32-bit decime	ուս	- PLC	
Format(Range):DDDDD	(0-floot		+ ILL	*
	- [110at	rort None	🥅 Change Station Num	
Attribute		Addrtype LB 👻	0	
Event Trigging OFF	*	11 10	0	
C 11		Addr 0	🥅 Addr. Tag 🛛 Addr. Len 3	Ŧ
Condition < 🝷 O	🗌 Value Range	Format (Bange) · DDDT	I (∩—9999)	

1.9 PLC Control change window (Ignore the window 0), added "clear after page

change"

PLC Control							×
PLC Control	Executi	ng HMI: H	MIO	•			
HMI	HMILO		•	PLC No.			•
Port	None	🔲 Change	Sta	tion Num	0		*
Addr. Type	LW		•	Address	0		
Code Type	BIN		•	Format (Ra	nge):DDDDD (0-	10255)	
Word Length	2		Ŧ	🔲 Vse	Address Tag		
Control Type		Change	Win	dow(Ignore	the window O)		•
🔽 Clear Af		n The Speci Change	fie	d Window I:	s Opened		
Marco Macro ID							Ŧ

1.10 Added macro grouping function



1.11 Added the function of downloading projects without clearing user permissions

-	wnload				– 🗆 ×
Select 1	HMII:				Select Section:
HMI Nu	mber	HMI Informati	on		🔽 Data file
HMIO					🗖 Recipe file
					LOGO file
					Clear recipe
					🔲 Clear history event data
Automa	tic Scanning				🔲 🔲 Clear history record data
HMI ID		IP	Select HMI	State	🔲 🗖 Clear data report
					Clear ERW data
					Clear FRW data
					🔲 Not Clear Permission
					Download to USB1
					Download to USB2
					Download to SD
					🔲 🗖 Resume To Default Setting
ownload	Rile et t				🔲 PC synchronization time
ath:	I. (SVR)	wft\dtools\dtoo .emo.pkgx	ls_release\3.5.2	\project	Timeout 500 Ms
Communi	cation Type N	etWork		Set	(1 second =1000 Ms)
IP:	10.8.1.120		PORT 21845		
COM:	NULL		BPS NULL		Download
			1		Exit

2 New added special register

Address	description	
LB9170	Set ON, online modify the user authority value	R/W
LB9931	Set ON, the siemens driver double floating point number is displayed normally; set	R/W
	off, the double floating point number is reversed.	

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Address	description	Read/Write				
LW9970~9979	W9970~9979 Read SIM card IMEI information					
LW9980~9989	9980~9989 Read SIM card ICCID information					
Mapping of communication parameters						
Address	description	Read/Write				
LW10234~10237	4~10237 LAN1 IP address. Each section occupies one word, range 0~255.					
LW.B9614.7	Turn on "ON" LAN1 Open DHCP	R/W				
LW10238~10241	10241LAN1 Gateway. Each section occupies one word, range 0~255.					
LW10242~10245	242~10245LAN1 Subnet mask. Each section occupies one word, range 0~255.					