

FKRealSvr User's Manual

(Version 2.632)

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Revision History

Version	Date	Description
Rev2.60	2009.12	To get and set data from a U-flash on a 2.8-inch TFT-LCD time attendance machine, the following functions are added to FKAttend.dll and FKAttend.ocx as;
		Refer to USBReadAllEnrollDataFromFile_Color
		USBWriteAllEnrollDataToFile_Color USBGetOneEnrollData_Color, USBSetOneEnrollData_Color
		USBGetOneEnrollDataWithString_Color, USBSetOneEnrollDataWithString_Color 2.2.25 - 2.2.30
		FK_USBReadAllEnrollDataFromFile_Color
		FK_USBWriteAllEnrollDataToFile_Color FK_USBGetOneEnrollData_Color,
		FK_USBSetOneEnrollData_Color FK_USBGetOneEnrollDataWithString_Color, FK_USBSetOneEnrollDataWithString_Color 3.2.25 - 3.2.30
Rev2. 611	2010. 02	Addition of a function used to set waiting time for transfer of blocks and to set sectors of time for automatic uploading of transactions
		Refer to GetRealTimeInfo, SetRealTimeInfo 2.3.11, 2.3.12 FK_GetRealTimeInfo, FK_SetRealTimeInfo 3.3.11, 3.3.12
Rev2.621	2010.03	Addition of a function used to set ServerIPAddress, Server Port, ServerRequest
		Refer to GetServerNetInfo, SetServerNetInfo 2.9.1, 2.9.2
		FK_GetServerNetInfo, FK_SetServerNetInfo 3.9.1, 3.9.2
Rev2.631	2010.04	Additional of the new project used to set Setup Extend Information
Rev2.632	2010.04	Update to OCX(insert variable of the Root IP address in the event method)

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1 Introduction

This manual describes FKRealSvr.OCX, an OEM program product providing an interface for real-time communications with FK6xx-serial fingerprint time attendance terminals of PEFIS.

Using FKRealSvr.ocx can make it possible to receive, at real time, the data sent from many terminals simultaneously.

FKRealSvr.ocx is composed as follows.

Item	No	Function Name	Description
Operation	1	OpenNetwork	To open the relevant network port for the communication with the terminals
	2	CloseNetwork	To shut the relevant network port after the communication with the terminals
Event	1	OnReceiveGLogData	To receive, at real time, the results generated from the terminals
Event	2		To receive, at real time, the results generated from the terminals

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2 Method Functions

2.1 OpenNetwork

Туре	long OpenNetwork(long anHostPort)		
Functionality	To open the relevant network port for the communication with the terminals		
Parameter	anHostF	ort	Sequence number of network port
Return	If the execution successes, RUN_SUCCESS = 1;		
	if it fails, RUNERR_NO_OPEN_COMM=-2 (error code).		
Others	1		

2.2 CloseNetwork

Туре	long CloseNetwork(long anHostPort)		
Functionality	To shut the relevant network port after the communication with the terminals		
Parameter	anHostF	ort	Sequence number of network port
Return	If the execution successes, RUN_SUCCESS = 1;		
	if it fails, RUNERR_NO_OPEN_COMM=-2 (error code).		
Others	1		

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3 Event Functions

3.1 OnReceiveGLogData

Туре	void OnReceiveGLogData(LPCTSTR astrDeviceIP, LONG anDevicePort, LONG vnDeviceID, LONG anSEnrollNumber, LONG anVerifyMode, LONG anInOutMode, DATE anLogDate, LPCTSTR astrSerialNo)			
Functionality	To receive, at real time, the results generated from the terminals			
Parameter	anDevicePort anSEnrollNumber anVerifyMode anInOutMode		Machine IP address	
			Sequence number of the port	
			Registration number of the user coming in or going out	
			Verification mode	
			Mode of coming in or going out	
			Time and date when the user came in or went out	
	vnDeviceID		Machine ID	
	astrSeri	alNo	Machine Serial Number	
Return	None			
Others	controllin		user verified, the consequence is transmitted to the g PC. The PC receives the result and notifies the upper of it through this function.	

3.2 OnReceiveGLogDataExtend

Туре	void OnReceiveGLogDataExtend(LPCTSTR astrRootIP, LPCTSTR astrDeviceIP, LONG anDevicePort, LONG vnDeviceID, LONG anSEnrollNumber, LONG anVerifyMode, LONG anInOutMode, DATE anLogDate, LPCTSTR astrSerialNo)			
Functionality	To receive, at real time, the results generated from the terminals			
Parameter	astrRootIP		Hub IP Address	
	astrDeviceIP		Machine IP address	
	anDevicePort		Sequence number of the port	
anSEnrollNu		ollNumber	Registration number of the user coming in or going out	
			Verification mode	
			Mode of coming in or going out	
	anLogDate		Time and date when the user came in or went out	
	vnDeviceID		Machine ID	
	astrSerialNo		Machine Serial Number	
Return	None			
Others	1 After the user verified, the consequence is transmitted to the controlling PC. The PC receives the result and notifies the upper program of it through this function.			