



FKRealSvr User`s Manual

(Version 2.632)

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Revision History

[illegible]

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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
	2	OnReceiveGLogDataExtend	To receive, at real time, the results generated from the terminals

2 Method Functions

2.1 OpenNetwork

Type	long OpenNetwork(long anHostPort)	
Functionality	To open the relevant network port for the communication with the terminals	
Parameter	anHostPort	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

Type	long CloseNetwork(long anHostPort)	
Functionality	To shut the relevant network port after the communication with the terminals	
Parameter	anHostPort	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	

3 Event Functions

3.1 OnReceiveGLogData

Type	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	astrDeviceIP	Machine IP address
	anDevicePort	Sequence number of the port
	anSEnrollNumber	Registration number of the user coming in or going out
	anVerifyMode	Verification mode
	anInOutMode	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.

3.2 OnReceiveGLogDataExtend

Type	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
	anSEnrollNumber	Registration number of the user coming in or going out
	anVerifyMode	Verification mode
	anInOutMode	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.