Manufacturer: ekey biometric systems GmbH
Model: ekey (home, multi, net) converter LAN RS-485
Device Type: LAN RS-485 converter

CONTACT SUPPORT:

COMPANY NAME:	M&M Computers, Romania
SUPPORT CONTACT:	Robert Rizea
EMAIL ADDRESS:	robert.rizea@mmc.ro
PHONE:	+40727770971
ADDRESS:	Romana Street No50 Ploiesti, Romania
NOTES:	

GENERAL INFORMATION

SIMPLWINDOWS NAME:	Ekey Control Panel.usp
CATEGORY:	Security
VERSION:	V1.0
SUMMARY:	The module is used for processing data captured by ekey converter LAN RS-485 from ekey system.
GENERAL NOTES:	Processing data captured by ekey converter LAN RS-485 from ekey system and provides information like: User Id, Finger ID, Relay Action, etc.
CRESTRON HARDWARE REQUIRED:	Crestron 2 or 3 series Processor.
SETUP OF CRESTRON HARDWARE:	The processor must be on the same network as the ekey converter LAN RS-485.
VENDOR FIRMWARE:	Ekey net CP mini 2 v1.38.4.13, ekey net FS S IN RFID 2.0 v6.17.3.1, ekey net KP L IN v4.1.16.13->Loader v1.0.0.9 Ekey home SE 2 REG v.2.2.78.30, home FS AP 2.1 RFID v.6.14.6.14, multi SE REG v2.01.79.18.003, ekey keypad IN 2.0 v3.00.08.22.001
VENDOR SETUP:	
CABLE DIAGRAM:	

CONTROL:

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CRESTRON

HELP FILE DOCUMENT

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Signal/Function Name	D,S,A	Digital, Serial, Analog signal property definition.
From_CVLan	S	This must be tied to the serial Output *"To Ekey Controller"* of *"Ekey CV Lan Connection"* module.
Protocol	A	This must be tied to the analog Output *"Protocol Out"* of *"Ekey CV Lan Connection"* module.
Spacer	S	This must be tied to the serial Output *"Spacer Out"* of *"Ekey CV Lan Connection"* module.
FS_KP_SerialNo1…4	S	Four serial Inputs needed to provide the serial numbers of ekey devices (KP or FS).

FEEDBACK:		
FS_KP1_Cmd FS_KP2_Cmd FS_KP3_Cmd FS_KP4_Cmd	D	Each Digital Output corresponding to each device. When a finger, rfid card or code are recognized the output will pulse for 50ms.
FS_KP_Name_Fb1	S	Serial Output. The name of device 1 in the ekey system.
FS_KP_Serial_No_Fb1	S	Serial Output. The serial number of the device 1 in the ekey system.
FS_KP_Name_Fb2	S	Serial Output. The name of device 2 in the ekey system.
FS_KP_Serial_No_Fb2	S	Serial Output. The serial number of the device 2 in the ekey system.
FS_KP_Name_Fb3	S	Serial Output. The name of device 3 in the ekey system.
FS_KP_Serial_No_Fb3	S	Serial Output. The serial number of the device 3 in the ekey system
FS_KP_Name_Fb4	S	Serial Output. The name of device 4 in the ekey system.
FS_KP_Serial_No_Fb4	S	Serial Output. The serial number of the device 4 in the ekey system
Digital_IN1_Fb	D	Digital Output that corresponding to the digital input 1 of ekey controller. When an "Exit button" is pressed the output will go high for 50ms.
Digital_IN2_Fb	D	Digital Output that corresponding to the digital input 2 of ekey controller. When an "Exit button" is pressed the output will go high for 50ms.
Digital_IN3_Fb	D	Digital Output that corresponding to the digital input 3 of ekey controller. When an "Exit button" is pressed the output will go high for 50ms.

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Digital_IN4_Fb	D	Digital Output that corresponding to the digital input 4 of ekey controller. When an "Exit button" is pressed the output will go high for 50ms.
User_Name1, 2, 3, 4	S	Serial output. The user name defined for user enrolled on device 1,2,3,4.
UserID1, 2, 3, 4	S	Serial output. The user ID defined for user enrolled on device 1,2,3,4.
UserStatus1, 2, 3, 4	S	Serial output. The user ID defined for user enrolled on device 1,2,3,4. (Disable User, Enable User or Undefined)
User_Finger1, 2, 3, 4	S	Serial output. The user finger defined for user enrolled on device 1,2,3,4. 1.. left little finger 2.. left ring finger 3.. left middle finger 4.. left index finger 5.. left thumb 6.. right thumb 7.. right index finger 8.. right middle finger 9.. right ring finger 0.. right little finger "-".. no finger
KeyID_Plan1, 2, 3, 4	S	Serial output. Key Plan defined for device 1,2,3,4. 1.. Key 1 2.. Key 2 3.. Key 3 4.. Key 4 "-".. undefined
Event_Action1, 2, 3, 4	S	Serial output. The event for device (reader) 1,2,3,4. 1.. Open 2.. Refuse unrecognized finger 3.. Refuse time slot A 4.. Refuse time slot B 5.. Refuse disabled 6.. Refuse "Only always users" 7.. FS not connected to CP 8.. digital input A.. Code pad 1-minute lock B.. Code pad 15-minute lock
Device1_Model	S	Type / Model of device 1.
Device2_Model	S	Type / Model of device 2.
Device3_Model	S	Type / Model of device 3.
Device4_Model	S	Type / Model of device 4.

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15 Volvo Drive · Rockleigh, NJ 07647
800.237.2041 / 201.767.3400

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PARAMETERS:

TESTING:

OPS USED FOR TESTING:	MC3 1.502.3079.26076
SIMPL WINDOWS USED FOR TESTING:	v4.07.03
DEVICE DB USED FOR TESTING:	49.06.005.00
CRES DB USED FOR TESTING:	64.00.001.00
SYMBOL LIBRARY USED FOR TESTING:	1040
SAMPLE PROGRAM:	Ekey Univ Demo
REVISION HISTORY:	1