

Partner: ekey
Device Type: Fingerprint System



GENERAL INFORMATION:

SIMPLWINDOWS NAME:	ekey home v1.0.UMC
CATEGORY:	Miscellaneous Controller
VERSION:	v1.0
SUMMARY:	The module allows receiving information from the ekey network.
GENERAL NOTES:	<p>The module allows receiving information from the ekey network.</p> <p>The ekey UDP Converter needs to be configured to report UDP packages to the Crestron processor. In the demo program the communication is made on UDP port 8888.</p> <p>It is possible to add 25 terminals to the module.</p> <p>The terminal serial number needs to be entered in the corresponding parameter. When information from a scanner is received it will be checked with the provided serial numbers and when a match is found, the information will be send to the corresponding terminal output.</p> <p>Each terminal provides:</p> <ul style="list-style-type: none"> • User ID = defined in ekey home control panel • Relay Nr that is triggered on the ekey terminal • Finger Nr • Command <p>When a scanned finger is not recognized the following values are received:</p> <ul style="list-style-type: none"> • user id, relay nr, finger nr : 0d • command = "bad or unknown finger"
CRESTRON HARDWARE REQUIRED:	Crestron Processor with a free Ethernet port to make the UDP connection.
SETUP OF CRESTRON HARDWARE:	Crestron PRO2 connected on the same Ethernet network. UDP/IP Communications : Port = 8888d
VENDOR FIRMWARE:	UDP converter version: 2.0.8.13
VENDOR SETUP:	Ekey fingerprint network reporting to the ekey Crestron processor through UDP on port 8888.

CONTROL:

Start Communication	D	Pulse to start/stop the UDP connection communication.
{{UDP/IP_Communications_>>_RX\$}}	S	Needs to be connected to the RX output on the UDP/IP communications client.

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**FEEDBACK:**

Scanner XX ekeyUserId	A	Analog value containing the ekey user ID number from the last scan from scanner XX.
Scanner XX ekeyRelayNr	A	Analog value containing the relay number that is triggered on scanner XX from the last scan.
Scanner XX ekeyFingerNr	A	Analog value containing the finger number from the last scan from scanner XX.
Scanner XX ekeyCmd	S	Serial value containing the command from the last scan from scanner XX.
{{enable_>>_UDP/IP_Communications}}	S	Needs to be connected to the Enable input on the UDP Communications client.
{{TX\$_>>_UDP/IP_Communications}}	S	Needs to be connected to the TX input on the UDP/IP communications client.

PARAMETERS:

[TerminalXX]	S	Serial parameter containing the serial number of terminal XX.
Port Number	D	Decimal parameter containing the UDP/IP Communications client port number.

TESTING:

OPS USED FOR TESTING:	PRO2 V4.001.1012 (Feb 17 2009)
SIMPL WINDOWS USED FOR TESTING:	2.12.31
CRESTRON DB USED FOR TESTING:	21.03.028.00
DEVICE DB USED FOR TESTING:	27.00.001.00
SAMPLE PROGRAM:	ekey home v1.0 PRO2 DEMO.smw
REVISION HISTORY:	V. 1.0