August 15, 2012

Re: UIO8 - Universal Input/Output device and Portal Card Access system.

To all of our customers and partners;

i³ International is introducing a new hardware into the SRX-Pro family. UIO8 is a peripheral device that communicates and provides seamless integration with any of the i³ Digital/Network Video Management Systems (SRX-Pro) via local area network (LAN). The UIO8 is compatible with the SRX-Pro software version v.2.2 and higher and provides the Server with the PTZ control, 4 sensor inputs and 4 control outputs. A total of up to 16 UIO8 devices with unique IP addresses can be connected to the same SRX-Pro Server offering a maximum of 64 controls and 64 sensors.

One of the main purposes of the UIO8 is facilitating the communication between DVR/NVR (Digital/Network Video Recorder) and relaying of the inputs or outputs. For example, when the VideoLogix™ (video analytic module of the SRX-Pro software) detects a vehicle or a person, a relay output connected via UIO8 device can trigger a control output, e.g. turn the light on or a sound an alarm.

A 24~36VAC power source or a network PoE switch, such as the Cortex SW-10200, SW-24400 or the SW-26210 can be used to power UIO8 device(s). UIO8 device, in turn, offers a 12VDC output, to power other connected devices such as Strobe, Buzzer, Alarm etc., making for a more convenient and cost-efficient installation.

i³'s UIO8 can also be used in a Card Access System installation. It provides an extremely powerful, cost effective, integrated access control and facility management solution offering one door access control per UIO8 device; up to 16 door access controls can be connected to the same network IP address as a daisy chain via RS485 from the first controller. Each access door can utilize the UIO8 to control access. It is a simple installation one single CAT 5e cable from the network PoE switch to any of the entrance can power up the door strike, card access reader, and REX.

UIO8 device in a Portal Card Access application requires Portal v.3.0 platform. It supports up to 255 IP addresses with up to 16 daisy-chained controllers per IP address, thus offering a total of up to 4080 readers (255 x 16) per installation. UIO8 supports the standard 26-bit Wiegand or a higher 46-bit input format readers.

Please contact technical support at support@i3international.com or by phone: 1.877.877.7241 if you have any questions or issues.

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