

### ACCESS CONTROL

## ACTAtek launches fingerprint scanner with built-in Singapore CEPAS card reader all in one system

**A**CTAtek™ is pleased to launch the new Fingerprint reader that can read the latest version of the EZ-Link card, which is now compliant with the new Contactless ePurse Application (CEPAS) Singapore standard.

Also featuring the latest proprietary 500 dpi Optical Fingerprint Scanner and CEPAS reader module, the ACTAtek™ Hybri Model can support both CEPAS / Mifare card Technology (ISO14443A/B, 13.56 MHz) together with state of the art biometric fingerprint technology.

Moreover, with a built-in CMOS camera (above the LCD screen), a snapshot of all attempts, including rejected attempts are stored within the ACTAtek™ database. So, even if the smart card or PIN only authentication methods are used, a snapshot will be taken. For every attempt, an image will be captured to the corresponding attempt. These event logs can then be viewed via the web interface or polled out directly to the backend database ex.MS

ACCESS, MS SQL, MySQL, PostgreSQL and Oracle using the middleware, ACTAtek™ Agent.

ACTAtek Inc is a web-based biometrics and RFID smart card ID management company offering

a strong technology platform to address the vertical markets for Security, Workforce Management and Payroll applications. ACTAtek™ has been shipping product for more than four years with at least 25,000 platform solutions deployed in more than 20 countries with approximately 30 million users.

① [info@actatek.com](mailto:info@actatek.com)



### CCTV & IP SURVEILLANCE

## Patented Two-wire Technology reduces CCTV installation costs

**A**nalogue CCTV systems require two sets of cable for each camera: a power cable and a video cable. The video cable will typically be coaxial or Cat5, which are both subject to transmission losses resulting in reduced picture quality as the cable length increases.

Security Distribution and Consultancy Pte Ltd offers a unique solution (2Y-LINK) that allows video and power to be transmitted over a single two-core cable for distances up to 1,000 metres. As well as maintaining excellent video quality, the installation costs for a CCTV system can be reduced by as much as 40 percent due to reduced cabling, trunking and installation costs.

This unique system adopts Patented Two-wire Technology, and is specially designed to supply power to, and transmit video signal from any attached camera of up to 680A/8W using basic bell cable. The system consists of a signal mixer at the camera end and a signal processor at the DVR/Monitor end, which are connected using a simple two-core cable. The most significant

feature of this system is that the power supplies to the camera and the signal transmissions between the signal mixer and the signal processor are both provided through the same cable.



The signal processor is designed with auto-detection of the operating voltage and current of the CCTV camera attached to the signal mixer, and self adjusts the correct rating of the voltage and current for different models of various CCTV cameras. It also automatically detects the cable resistance and has auto adjustment of the polarities of DC supply voltage and signals, so there is no need to worry about incorrectly connecting the polarities of the two-core cable.

The system is readily adoptable to use unshielded twist pair (UTP) cables, such as Cat5 cables. The Cat5 cables contain four UTP cables and can be used to serve four individual cameras; thus further reduces costs on cabling and simplifies the installation.

① [sales@sdcsingapore.com](mailto:sales@sdcsingapore.com)