Advanced Card Systems Ltd.
Card & Reader Technologies

AET65
Smart Card Reader with Fingerprint Sensor

The AET65 aims to make security in smart card applications a notch higher. With the strip fingerprint sensor and contact smart card reader combined into a single device, you can only think of security and convenience.

Merging smart card and fingerprint technologies makes way for high-level authentication: AET65 verifies something "you have" (smart card), something "you know" (e.g. PIN/password via keyboard) and something "you are" (fingerprint).

Packaged with a default UPEK fingerprint algorithm for 1-stop application development, AET65 can also work with any of the many market available 3rd party fingerprint algorithms that support UPEK strip fingerprint module TCS4 or TCS4-TCD50.

Standard Features

Smart Card Interface	
PC/SC	✓
CCID	✓
ISO 7816 Class A, B and C	✓
T=0, T=1	✓

Fingerprint Sensor Interface	
UPEK TouchStrip Fingerprint Sensor	✓
9.6mm x 0.2mm (Active Sensor Size)	✓
192 x 4 pixels (Array Size)	✓
508 DPI (Image Resolution)	✓
BioAPI & Windows Bio Framework	✓

Host Interface	
USB Full-Speed (12 Mbps)	

Certifications/Compliance	
CE	✓
FCC	✓
RoHS	✓
WHQL	✓

Dimension	
85mm (L) x 70mm (W) x 35mm (H)	

Other Features	
Built-In SAM slot	
Work with market available 3rd party fingerprint algorithms that support UPEK TCS4 or TCS4-TCD50	

Typical Applications

- ✓ Personal identity verification
- ✓ Computer/Network access control
- ✓ Secure home banking
- ✓ E-Ticketing
- ✓ E-Payment

www.acs.com.hk