



The Yarg FingerSwipe Unit is the result of a fifteen-month development project by our skilled hardware and software development team. The unit is at the forefront of the biometrics marketplace and is perfect for commercial, government and education solutions.

The Yarg FingerSwipe Unit is a networkable, biometric capture device. It utilises a thermal strip sensor to capture a thermal BioTemplate of a user's finger as they swipe their finger over the device. A major advantage of this technology is that we do not store or transmit any actual fingerprint image during this identification capture process.

The user's BioTemplate is then transmitted over the network to the Yarg BioEngine Server, using TCP/IP protocol, for matching and processing. The identification result is then produced and transmitted back to the FingerSwipe Unit along with a message to be displayed on the unit's LCD display. This could either be the user's name or a more general access related message depending on the application.

Additional RS232 commands and contact closure switching information can also be transmitted from the BioEngine to the FingerSwipe Unit on positive identification of a user. The RS232 commands can then be forwarded to hardware such as financial terminals and the contact closure can be activated for a specified duration for door access applications.

As this is a "swipe" device rather than a pad sensor, the unit is robust and self-cleaning. For high security applications there is the added advantage that latent prints are not left behind on the unit after use.

FingerSwipe Unit IP Addresses and Modes can be configured using the supplied setup utility and cable.