

## Data sheet Enrollment-Sensor (with a hand guide / light protection)

#biometrics

#palmveins

#accesscontrol

Enrollment sensor for optimal positioning of the hand during the enrollment process, consisting of a Fujitsu PalmSecure U Guide and a PalmSecure OEM sensor integrated with iCOGNIZE

### Hand rest / U guide

The Fujitsu PalmSecure U Guide was designed for use with the Fujitsu PalmSecure OEM Sensor STD. The sensor snaps into the base of the PalmSecure U Guide, making it easy to install at reception areas or in the HR department. The PalmSecure U Guide allows users to effortlessly position their hand optimally for the scanning process to ensure a high-quality enrollment process.



### Technical data – hand rest:

Stable palm rest for PalmSecure (TM) sensor  
 Colour: black  
 Dimensions/weight/setting dimensions  
 Dimensions (W x D x H) 140 x 170 x 110 mm  
 Weight 251 g



### Integrated PalmSecure sensor

The Fujitsu PalmSecure OEM Sensor, in conjunction with the iCOGNIZE Plexus Management Software, detects the palm pattern of a person with near infrared light in order to generate highly secure templates (recognition patterns). The sensor cube was specially developed for integration with the U-Guide.



### Technical data – sensor:

Max. permissible length of the USB cable: 5 m (2 m USB cable included)  
 Lighting conditions for authentication:  
 Daylight (sunlight): less than 3,000 lux  
 Fluorescent light: less than 3,000 lux  
 Incandescent/halogen lamps: less than 700 lux  
 Lighting conditions for registration:  
 Daylight (sunlight): less than 2,000 lux  
 Fluorescent light: less than 2,000 lux  
 Incandescent / halogen lamps: less than 500 lux  
 Encryption method: AES 128 Bit  
 Authentication rate: FRR: 0.01% (1 retry),  
 FAR: below 0.00008%  
 With 1-to-1 verification under ISO/IEC 19795  
 MTBF: 1,000,000 hours  
 Detection distance: 40 to 60 mm  
 Power supply: 4.4 to 5.4 V  
 Power consumption: 2.5 W max. via USB cable  
 Power consumption: 500 mA max.  
 Power saving mode: 45 mA max.  
 USB mini-B connector (5-pin)

