



## Supported Fingerprint Devices

Unlike most biometric algorithms that are bound to a specific manufacturer's hardware, BIO-key offers complete reader interoperability. Our ability to "Plug and Play" with every major reader manufacturer gives you flexibility to choose the best readers for your application. We support different readers for any application to suit unique user requirements. Authenticate on desktops, laptops, public portals, PDAs, wireless devices and access doors - all with a single enrollment! The ability to avoid "vendor lock" is a huge benefit when selecting hardware, since reader technology is constantly improving and costs continue to decrease. BIO-key constantly evaluates new readers and the following lists are frequently updated.

### KEY CONSIDERATIONS WHEN SELECTING ANY READER:










- Image Quality & Resolution
- Ergonomics & Form Factor Requirements
- Environment (weather, light exposure, frequency of use, etc.)
- Speed, Capture Rate Requirements
- Price

### SENSOR TYPES AND RELIABILITY EXPECTATIONS:








**Capacitive and RF Field Sensors** (aka: CMOS) are generally small inexpensive sensors that are ideally suited for indoor personal use. Often deployed in office environments they capture images at higher frame rates which result in a better end user experience. These sensors come in both "placement" and swipe varieties (i.e. you drag or "swipe" your finger across the sensor to generate the finger print image). Extremely low cost swipe sensors are integrated into many laptop computers and peripherals.

**Optical Sensors** are often selected for high traffic environments where a more robust sensor is needed. The resilient glass or plastic surface protecting the *optical sensor* is suited for harsh environment applications typically found in "multi-user" kiosks and physical access applications.




























### SENSOR MANUFACTURERS SUPPORTED

<i>Sensor Manufacturers</i>	<i>Type/ Form Factor</i>	<i>Sensor Model(s)</i>	<i>Resolution</i>
	Thermal	AT77UR200	500 dpi
	RF Field	FingerLoc AF-S2, AES4000, 1601 / 1610, AES2501 / 2510 swipe	250 – 500 dpi
	Optical	Verifier 300	500 dpi
	Optical	U.are.U 4000B	508 dpi
	Optical	HiScan and FX2000	500 dpi
	Capacitive	BIOCA-120	400 dpi
	Capacitive	MBF200	500 dpi
	Optical	FS-80, FS-88, FB-80, FB-88	500 dpi
	Optical	DactyScan 26	500 dpi

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<i>Sensor Manufacturers</i>	<i>Type/ Form Factor</i>	<i>Sensor Model(s)</i>	<i>Resolution</i>
 	Optical	DFR-200, BTO-500, DFR-2100, DFR-2080	500 dpi
	Optical	Venus	500 dpi
	Optical	Hamster III, Plus and IV	508 dpi
<b>TACOMA TECHNOLOGY INC.</b>	Optical	STM01A1	500 dpi
	Tactile	LES	500 dpi
	Capacitive	TCS1 & TCS2 (Touch Chip), TCS3 (Touch Strip)	508 dpi
	RF Field	VFS130, VFS201	500 dpi

## READER DEVICE MANUFACTURERS SUPPORTED

<i>Laptops</i>			
		<b>TOSHIBA</b>	
			
<i>Keyboards</i>			
			
<i>Readers</i>			
			
			
			
	<b>STARTEK</b>	<b>TARGUS</b>	
	<b>TACOMA TECHNOLOGY INC</b>		
			

*Is there a reader or sensor you do not see listed here? This list is updated frequently. Please contact your BIO-key representative if you have any questions.*

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