







		Secure Card Readers							
									
Model Type		SCR131	SCR331	SCR531	SCR3310	SCR241	SCR243	SCR333	
<b>Host Interface</b>	<ul style="list-style-type: none"> <li>... Serial</li> <li>... USB Full Speed</li> <li>... USB &amp; Serial (Dual Interface)</li> <li>... PC-Card (PCMCIA)</li> </ul>	✓	✓	✓	✓	✓	✓	✓ (internal)	
<b>API</b>	<ul style="list-style-type: none"> <li>... PC/SC, CT-API, OCF (upon request)</li> </ul>	✓	✓	✓	✓	✓	✓	✓	
<b>OS</b>	<ul style="list-style-type: none"> <li>... Windows™ 98, ME, 2000, XP, CE</li> <li>... Windows™ Server 2003</li> <li>... Windows™ NT4</li> <li>... Solaris</li> <li>... Linux</li> <li>... MacOS</li> </ul>	✓	✓	✓ ✓ (USB) ✓ (Serial)	✓	✓	✓	✓	✓
<b>Smart Card Protocol</b>	<ul style="list-style-type: none"> <li>... T=0, T=1</li> <li>... Memory Cards (thru SCM MCARD API)</li> </ul>	✓	✓	✓	✓	✓	✓	✓	
<b>Smart Card Speed</b>	<ul style="list-style-type: none"> <li>... 115,200 bps</li> <li>... 344,105 bps</li> </ul>	✓	✓	✓ (Serial) ✓ (USB)	✓	✓	✓	✓	
<b>Certifications</b>	<ul style="list-style-type: none"> <li>... USB</li> <li>... WHQL ME, 2000, XP</li> <li>... EMV Level 1</li> <li>... FCC, cULus, CE, VCCI</li> </ul>	✓ (& 98, NT4)	✓ (& Server 2003)	✓	✓ (2000)	✓	✓	✓ (& Server 2003) upon request	
<b>Comments</b>	<ul style="list-style-type: none"> <li>... Firmware in field upgradeable</li> <li>... Weighted base optional</li> </ul>	✓	✓	✓	✓	✓	✓	✓	
<b>Customization</b>	<ul style="list-style-type: none"> <li>... Logo Printing, Case Color</li> <li>... PID, Label</li> </ul>	✓	✓	✓	✓	✓	✓	✓	



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		Secure Mobile Readers			Keyboard
Model Type					
		eSIM	EasyTAN	myEMV	SCR338
Host Interface	<ul style="list-style-type: none"> <li>... USB Full Speed</li> <li>... Offline Token</li> </ul>	✓	✓	✓	✓
API	<ul style="list-style-type: none"> <li>... PC/SC, CT-API, OCF (upon request)</li> </ul>	✓			✓ (PC/SC, CT-API only)
OS	<ul style="list-style-type: none"> <li>... Windows 98, ME, 2000, XP, CE</li> <li>... Windows Server 2003</li> <li>... Windows NT4</li> <li>... Linux</li> <li>... MacOS</li> </ul>	✓ ✓ ✓ ✓	Platform independent	Platform independent	✓
Smart Card Protocol	<ul style="list-style-type: none"> <li>... T=0, T=1</li> <li>... Memory Cards (thru SCM MCARD API)</li> </ul>	✓ ✓	✓ (T=1 only)	✓	✓ ✓
Smart Card Speed	<ul style="list-style-type: none"> <li>... 9,600 bps</li> <li>... 344,105 bps</li> </ul>	✓	✓	✓	✓
Memory	<ul style="list-style-type: none"> <li>... Flash / RAM</li> </ul>		Flash ROM (opt.) / Mask ROM / RAM		
User Interface	<ul style="list-style-type: none"> <li>... Display</li> <li>... Keypad</li> </ul>		✓ ✓	✓ ✓	
Certifications	<ul style="list-style-type: none"> <li>... USB</li> <li>... WHQL ME, 2000, XP</li> <li>... FCC, cULus, CE, VCCI</li> <li>... EMV Level 1</li> <li>... ZKA</li> </ul>	✓ ✓ ✓	✓ (CE only)  ✓ (scheduled)	✓ (CE only)	✓ ✓ ✓ (no VCCI) ✓ (2000)
Comments	<ul style="list-style-type: none"> <li>... Firmware in field upgradeable</li> </ul>	✓			✓
Customization	<ul style="list-style-type: none"> <li>... Logo Printing, Case Color</li> <li>... Country specific key caps</li> </ul>	✓	✓	✓	✓ ✓ (depending on volume)



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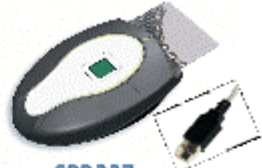
	Contact/-less	Secure PINpad Readers		Secure Trusted Readers		
Model Type	 SCR331-DI	 SPR332	 SPR532	 FINREAD	 CashMouse® (German GeldKarte)	
Host Interface	<ul style="list-style-type: none"> <li>... Serial</li> <li>... USB Full Speed</li> <li>... USB &amp; Serial (Dual Interface)</li> </ul>	✓	✓	✓	✓ (STR391)	
API	<ul style="list-style-type: none"> <li>... PC/SC, CT-API</li> <li>... JAVA</li> </ul>	✓ (PC/SC only)	✓	✓	✓ (PC/SC only)	
OS	<ul style="list-style-type: none"> <li>... Windows® 98, ME, 2000, XP</li> <li>... Windows® NT4, CE</li> <li>... Linux, Solaris</li> <li>... MacOS</li> </ul>	✓	<ul style="list-style-type: none"> <li>On request</li> <li>✓ (MacOS X)</li> </ul>	<ul style="list-style-type: none"> <li>On request</li> <li>✓ (MacOS X)</li> </ul>	<ul style="list-style-type: none"> <li>✓</li> <li>✓ (NT4 only)</li> </ul>	✓
Smart Card Protocol	<ul style="list-style-type: none"> <li>... T=0, T=1</li> <li>... Memory Cards</li> </ul>	✓	✓	✓	<ul style="list-style-type: none"> <li>On request</li> </ul>	<ul style="list-style-type: none"> <li>On request</li> </ul>
Smart Card Speed	<ul style="list-style-type: none"> <li>... 115,200 bps</li> <li>... 344,105 bps</li> </ul>	✓	✓	✓	✓	✓
Memory	<ul style="list-style-type: none"> <li>... Flash/RAM</li> </ul>				1 MByte/2 MBytes	320 Kbytes/128 KBytes
User Interface	<ul style="list-style-type: none"> <li>... Display</li> <li>... Keypad</li> </ul>		✓	✓	1 LED, LCD 2x16 characters 4x4 with customizable keys	
Certifications	<ul style="list-style-type: none"> <li>... USB</li> <li>... WHQL 98, ME, 2000, XP</li> <li>... EMV Level 1</li> <li>... Common Criteria EAL3+ High</li> <li>... FCC, cULus, CE, VCCI</li> </ul>	<ul style="list-style-type: none"> <li>✓</li> <li>✓</li> <li>✓</li> <li>✓</li> <li>✓ (no VCCI)</li> </ul>	<ul style="list-style-type: none"> <li>✓</li> <li>✓</li> <li>✓</li> <li>✓</li> <li>✓</li> </ul>	<ul style="list-style-type: none"> <li>✓</li> <li>✓</li> <li>✓</li> <li>✓</li> <li>✓</li> </ul>	<ul style="list-style-type: none"> <li>✓ (ME, 2000, XP only)</li> <li>On request</li> <li>✓ (no VCCI)</li> </ul>	<ul style="list-style-type: none"> <li>✓</li> <li>✓</li> <li>✓ (no VCCI)</li> </ul>
Comments	<ul style="list-style-type: none"> <li>... Firmware in field upgradeable</li> <li>... Secure application download</li> </ul>	<ul style="list-style-type: none"> <li>✓</li> </ul>	<ul style="list-style-type: none"> <li>✓</li> </ul>	<ul style="list-style-type: none"> <li>✓</li> </ul>	<ul style="list-style-type: none"> <li>✓</li> </ul>	<ul style="list-style-type: none"> <li>✓</li> </ul>
Customization	<ul style="list-style-type: none"> <li>... Logo Printing, Case Color</li> <li>... PID, Label</li> </ul>	<ul style="list-style-type: none"> <li>✓</li> </ul>	<ul style="list-style-type: none"> <li>✓</li> </ul>	<ul style="list-style-type: none"> <li>✓</li> </ul>	<ul style="list-style-type: none"> <li>✓</li> </ul>	<ul style="list-style-type: none"> <li>✓</li> </ul>



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		Fingerprint Reader	Fingerprint & Smart Card Reader
<b>Model Type</b>		 <b>SCR222</b>	 <b>SPR337</b>
<b>Host Interface</b>	<ul style="list-style-type: none"> <li>– USB Full Speed</li> <li>– PC-Card (PCMCIA)</li> </ul>	✓	✓
<b>Sensor Information</b>	<ul style="list-style-type: none"> <li>– AuthenTec™ AES4000</li> </ul>	250-1,000 dpi (selectable resolution), 52 frames/sec capture rate, 96x96 pixel detection matrix, ESD resistant: ICE 61000-4-2 Level 4	
<b>Human Interface</b>	<ul style="list-style-type: none"> <li>– 1 dual state LED for smart card</li> <li>– Bi color LED ring for fingerprint</li> </ul>		✓ ✓
<b>API</b>	<ul style="list-style-type: none"> <li>– PC/SC</li> <li>– Compliant with AuthenTec™ API</li> <li>– Compliant to HA-API 1.03</li> </ul>	✓ ✓	Biometric API compliant with AuthenTec's SDK ✓
<b>OS</b>	<ul style="list-style-type: none"> <li>– Windows™ 98, ME, 2000, XP</li> </ul>	✓ (98 SE)	✓
<b>Smart Card Protocol</b>	<ul style="list-style-type: none"> <li>– T=0, T=1</li> </ul>		✓
<b>Smart Card Speed</b>	<ul style="list-style-type: none"> <li>– 344,105 bps</li> </ul>		✓
<b>Certifications</b>	<ul style="list-style-type: none"> <li>– WHQL ME, 2000, XP</li> <li>– EMV 2000 Level 1</li> <li>– FCC, cULus, CE, VCCI</li> </ul>	✓ ✓ (no VCCI)	✓ ✓ ✓
<b>Comments</b>	<ul style="list-style-type: none"> <li>– Firmware in field upgradeable</li> </ul>		✓
<b>Customization</b>	<ul style="list-style-type: none"> <li>– Logo Printing, Case Color</li> <li>– PID, Label</li> </ul>	✓ (Label only)	✓ ✓



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		CHIPDRIVE™ Readers					
							
Model Type		micro 100	micro 110	micro 120	SCR335	extern 320	extern 330
Host Interface	... Serial	✓	✓	✓		✓	
	... USB Full Speed				✓		✓
API	... PC/SC, CT-API	✓	✓	✓	✓	✓	✓
	... SCARD, NETS (Singapore), OCF	✓	✓	✓		✓	✓
OS	... Windows™ 95	✓	✓	✓		✓	✓
	... Windows™ 98, ME, NT4, 2000, XP	✓	✓	✓		✓	✓
	... Windows™ 98SE, ME, 2000, XP				✓	✓	✓
	... Linux	✓	✓	✓	✓	✓	✓
	... MacOS 9/i0				✓ (i0 only)		✓
Smart Card Protocol	... T=0, T=1	✓	✓	✓	✓	✓	✓
	... Memory Cards	✓	✓	✓	✓	✓	✓
Smart Card Speed	... 115,200 bps	✓	✓	✓		✓	✓
	... 344,105 bps				✓		
Special Features	... Integrated mouse passthru		✓	✓		✓	
	... NiMH rechargeable battery			✓		✓	
Certifications	... USB				✓		✓
	... WHQL 98, ME, 2000, XP				✓		
	... WHQL 98, 2000	✓	✓	✓			
	... FCC, CE	✓	✓	✓	✓	✓	✓
	... cULus, VCCI				✓		
Customization	... Logo Printing, Case Color, Label	✓	✓	✓	✓	✓	✓
	... PID				✓		



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