



CARD / FOB COMPATIBILITY GUIDE

READERS	CARDS/ FOBS										
	EM FORMAT				MIFARE UNCODED			MIFARE ENCODED			
	114-180 Dual Frequency ISO Card	101-086 ISO CARD	101-085 CLAMSHELL CARD	101-087 KEYFOB	114-181 MIFARE CARD	101-193B MIFARE CARD	101-184 MIFARE FOB	101-186 MIFARE CARD		101-187 MIFARE FOB	
					114-182 MIFARE FOB			Ness Encry- ption	Std Mifare	Ness Encry- ption	Std Mifare
101-103 AC-7000 Biometric Reader/Controller	✓	✓	✓	✓							
101-084 AC-2200 Smart Fingerprint Reader	✓	✓	✓	✓							
101-015 AC-5000 Fingerprint Reader	✓	✓	✓	✓							
101-014 Ness Ultraprox Reader *	✓	✓	✓	✓							
101-082 Ness Ultraprox S2 Reader/Keypad *	✓	✓	✓	✓							
101-082B Ness Ultraprox S2B Reader/Keypad *	✓	✓	✓	✓							
101-104 VS-R20D-RF RS485 Reader	✓	✓	✓	✓							
101-188 Ness Ultraprox 683N Mifare Reader *	✓				✓	✓	✓	✓		✓	
101-188x Ness Ultraprpx 683N Mifare Rdr (addr 1/2/3)*	✓				✓			✓		✓	
101-171 Ness Mifare 682 Classic Reader	✓				✓	✓	✓		✓		✓
101-192 Ness Mifare/DESfire 684 Classic Reader	✓				✓	✓	✓		✓		✓
101-177 Ness 680 HID Reader					Use with HID cards only						
114-120 Hikvision DS-K1107MN Card Reader	✓				✓	✓	✓				
114-121 Hikvision DS-K1107MKN Reader+ Kpad	✓				✓	✓	✓				
114-122 Hikvision DS-K1104MN Reader Mifare	✓				✓	✓	✓				
114-123 Hikvision DS-K1104MKN Reader+Kpad	✓				✓	✓	✓				
114-124 Hikvision DS-K1108MN Reader	✓				✓	✓	✓				
114-125 Hikvision DS-K1108MKN Reader+Keypad	✓				✓	✓	✓				
114-126 Hikvision DS-K1201MFN Biometric Reader	✓				✓	✓	✓				
114-140 Hikvision DS-K1T105M-CN Terminal	✓				✓	✓	✓				
114-141 Hikvision DS-K1T201MF-CN Fprint Term	✓				✓	✓	✓				
114-142 Hikvision DS-K1T804MFN LCD Terminal	✓				✓	✓	✓				
114-143 Hikvision DS-K1T500SN Video Terminal	✓				✓	✓	✓				
114-144 Hikvision DS-K1T500SFN Video Terminal	✓				✓	✓	✓				

* Addressable readers also compatible with Ness D8x/D16x panels

LONG RANGE READERS	101-081 IDA245 TAG	101-081C IDA245N-H2 LONG RANGE TAG
101-070 NEO245 Long Range Reader 2.45GHz	✓	✓