

Networx Wireless Locksets & Control Panel Comparison - 2016- Rev C

Features and Capacities	Cylindrical Wireless Lockset	Cylindrical Wireless Lockset	Cylindrical Wireless Lockset	Cylindrical Wireless Lockset	Exit Trim Wireless Lockset	Wireless Control Panel
Part Number	PL6100 / PDL6100	PL6200 / PDL6200	PL7100 / PDL7100	PL8200 / PDL8200	ETPL / ETPDL	NETPANEL
Credential or PIN Capacity	5000	5000	5000	5000	5000	5000
Number of Readers	1	1	1	1	1	2
Number of Doors	1	1	1	1	1	1
Anti-Passback	N/A	N/A	N/A	N/A	N/A	Yes
Vandal Proof Keypad with Proximity Reader	On PDL Version	On PDL Version	On PDL Version	On PDL Version	On PDL Version	Add Vandal Proof Weigand Keypad
Duress Keypad	Yes	Yes	Yes	Yes	Yes	Yes
Door Contact Input	No	Yes	No	Yes	No	Yes
On-Board Request to Exit Input / Function	No	Yes	No	Yes	No	Yes
Wireless Remote Release Capable	Yes	Yes	Yes	Yes	Yes	No
On-Board Relay Outputs	N/A	N/A	N/A	N/A	N/A	2
Lock Output / Relay	No	No	No	No	No	Yes
Auxiliary Relay	Yes	Yes	Yes	Yes	Yes	Yes
Relay Output(s) Contact Rating	1 amp @ 24 vdc	1 amp @ 24 vdc	1 amp @ 24 vdc	1 amp @ 24 vdc	1 amp @ 24 vdc	8 amps
Power Input (batteries or power in)	4 "C" Cell Batteries or 7.5vdc	4 "C" Cell Batteries or 7.5vdc	4 "C" Cell Batteries or 7.5vdc	4 "C" Cell Batteries or 7.5vdc	4 "C" Cell Batteries or 7.5vdc	16.5 vac, 50 VA Transformer
On-Board Battery Backup	N/A	N/A	N/A	N/A	N/A	12 vdc, 4 AH
Maximum Auxiliary / Lock Power Output	N/A	N/A	N/A	N/A	N/A	12 vdc @ 1.5 amps
Maximum Reader Power Output	N/A	N/A	N/A	N/A	N/A	250 ma
Communications between Wireless Lockset or Net-Panel and the Wireless Gateway Receiver	900mhz Spread Spectrum to Gateway Receiver	900mhz Spread Spectrum to Gateway Receiver	900mhz Spread Spectrum to Gateway Receiver	900mhz Spread Spectrum to Gateway Receiver	900mhz Spread Spectrum to Gateway Receiver	900mhz Spread Spectrum to Gateway Receiver
PC to Control Panel Communications	Real Time or Buffered	Real Time or Buffered	Real Time or Buffered	Real Time or Buffered	Real Time or Buffered	Real Time or Buffered
Distributed Intelligent Database at the Door	Yes	Yes	Yes	Yes	Yes	Yes
Global Lockdown	Yes	Yes	Yes	Yes	Yes	Yes
Time Schedules	99	99	99	99	99	99
Access Groups	99	99	99	99	99	99
Holidays	5 x 30	5 x 30	5 x 30	5 x 30	5 x 30	5 x 30
Event Buffer Capacity	5,000	5,000	5,000	5,000	5,000	5,000
Diagnostic LED's	Yes	Yes	Yes	Yes	Yes	No
Firmware Upgrades	Flash ROM	Flash ROM	Flash ROM	Flash ROM	Flash ROM	Flash ROM
Compliances	***** * ADA, ANSI A115, BHMA Grade 1, UL 3 Hour Fire Rating ***** *					N/A
Features and Capacities	Mortise Wireless Lockset	Mortise Wireless Lockset	Mortise Wireless Lockset			
Part Number	PL6500 / PDL6500	PL6600 / PDL6600	PL8600 / PDL8600			
Credential or PIN Capacity	5000	5000	5000			
Number of Readers	1	1	1			
Number of Doors	1	1	1			
Anti-Passback	N/A	N/A	N/A			
Vandal Proof Keypad with Proximity Reader	On PDL Version	On PDL Version	On PDL Version			
Duress Keypad	Yes	Yes	Yes			
Door Contact Input	No	Yes	No			
On-Board Request to Exit Input / Function	No	Yes	No			

Wireless Remote Release Capable	Yes	Yes	Yes			
On-Board Relay Outputs	N/A	N/A	N/A			
Lock Output / Relay	No	No	No			
Auxiliary Relay	Yes	Yes	Yes			
Relay Output(s) Contact Rating	1 amp @ 24 vdc	1 amp @ 24 vdc	1 amp @ 24 vdc			
Power Input (batteries or power in)	4 "C" Cell Batteries or 7.5vdc	4 "C" Cell Batteries or 7.5vdc	4 "C" Cell Batteries or 7.5vdc			
On-Board Battery Backup	N/A	N/A	N/A			
Maximum Auxiliary / Lock Power Output	N/A	N/A	N/A			
Maximum Reader Power Output	N/A	N/A	N/A			
Communications between Wireless Lockset or Net-Panel and the Wireless Gateway Receiver	900mhz Spread Spectrum to Gateway Receiver	900mhz Spread Spectrum to Gateway Receiver	900mhz Spread Spectrum to Gateway Receiver			
PC to Control Panel Communications	Real Time or Buffered	Real Time or Buffered	Real Time or Buffered			
Distributed Intelligent Database at the Door	Yes	Yes	Yes			
Global Lockdown	Yes	Yes	Yes			
Time Schedules	99	99	99			
Access Groups	99	99	99			
Holidays	5 x 30	5 x 30	5 x 30			
Event Buffer Capacity	5,000	5,000	5,000			
Diagnostic LED's	Yes	Yes	Yes			
Firmware Upgrades	Flash ROM	Flash ROM	Flash ROM			
Compliances	***** * ADA, ANSI A115, BHMA Grade 1, UL 3 Hour Fire Rating ***** *					N/A
Features and Capacities	<u>Generation 1</u> <u>Networx Wireless Gateway Receivers</u>		<u>Generation 1</u> <u>Networx Wireless Gateway Receivers</u>		<u>Generation 1</u> <u>Networx Wireless Gateway Receivers</u>	
Part Number	AI-IME		AL-IMEPOEP		AL-IM80211	
Communications to Locksets and Net Panel	900mhz Spread Spectrum, 50 Channels		900mhz Spread Spectrum, 50 Channels		900mhz Spread Spectrum, 50 Channels	
Number of Locksets and/or Net Panels per Networx Gateway Receiver	63		63		63	
Number of Wireless Socket Servers	1 Standard and up to 8 Maximum		1 Standard and up to 8 Maximum		1 Standard and up to 8 Maximum	
Number of Gateway Receivers per Wireless Socket Server	251		251		251	
Number of Expanders per Gateway	N/A		N/A		N/A	
Communications from Gateway Receiver to CA3000 Software	Ethernet, Tbase 10/100		Ethernet, Tbase 10/100		WiFi, IEEE 802.11b, 802.11g	
Encrypted Communications	128 Bit AES Encryption		128 Bit AES Encryption		IEEE 802.11, PSK with 128 Bit AES Encryption	
Power Input	Class 2, 6 vac Transformer or 6 vdc		Power Over Ethernet		Class 2, 6 vac Transformer or 6 vdc	
Average Power Consumption	750 mW		750 mW		300 mW idle & 1300 mW maximum	
Features and Capacities	<u>Generation 2</u> <u>Networx Wireless Gateway Receivers</u>		<u>Generation 2</u> <u>Networx Wireless Gateway Receivers</u>		<u>Generation 2</u> <u>Networx Wireless Gateway Receivers</u>	
Part Number	AI-IME2		AL-IME2-POE		AL-IM2-80211	

Communications to Locksets and Net Panel	900mhz Spread Spectrum, 50 Channels		900mhz Spread Spectrum, 50 Channels		900mhz Spread Spectrum, 50 Channels	
Number of Locksets and/or Net Panels per Networx Gateway Receiver	63		63		63	
Number of Wireless Socket Servers	1 Standard and up to 8 Maximum		1 Standard and up to 8 Maximum		1 Standard and up to 8 Maximum	
Number of Gateway Receivers per Wireless Socket Server	251		251		251	
Number of Expanders per Gateway	7		7		7	
Communications from Gateway Receiver to CA3000 Software	Ethernet, Tbase 10/100		Ethernet, Tbase 10/100		WiFi, IEEE 802.11b, 802.11g	
Encrypted Communications	128 Bit AES Encryption		128 Bit AES Encryption		IEEE 802.11, PSK with 128 Bit AES Encryption	
Power Input	Class 2, 6 vac Transformer or 6 vdc		Power Over Ethernet		Class 2, 6 vac Transformer or 6 vdc	
Average Power Consumption	750 mW		750 mW		300 mW idle & 1300 mW maximum	
<u>Features and Capacities</u>	<u>Wireless Expander</u>					
Part Number	AI-IME2-EXP					
Number of Expanders per one Version 2 Gateway	7					
Number of Locksets per Version 2 Gateway	63					
Communications from V2 Gateway to Expander	900mhz Spread Spectrum, 50 Channels					
Communications from Expander to Locksets	900mhz Spread Spectrum, 50 Channels					
Max. Number of Groups (Group = 1 V2 Gateway and 7 Expanders)	99					
Power Input	Class 2, 6 vac Transformer or 6 vdc					
Average Power Consumption	750 mW					