

# VISUAL & AUDIBLE STATUS INDICATIONS SUMMARY

PIM VISUAL STATUS INDICATIONS		
Condition	LED Indication	
	CR 15 (green)	CR7, 10 (red)
Normal operation, PIM is powered & the microprocessor is running	blinking	CR6, 9 (green – red)
	on	green
Tamper On (Door Open)	NA	green
Tamper Off	NA	green
PIM is not powered or PIM is defective	off	NA
WAPM Trouble: Low Battery	1 blink	NA
WAPM Trouble: No Communication	2 blinks	NA
WAPM Trouble: Reader Tamper	3 blinks	NA
WAPM Trouble: Lock Motor Stall	4 blinks	NA
Link Access Point A	blinking	CR9 flash green & red
Link Access Point B	blinking	CR6 flash green & red
Packet-Error-Rate test during linking	blinking	Green flash on every good transmission- Red flash on any bad transmission. Goes on for about 20 seconds.
PIM Transmitting a Message	blinking	1 red flash per transmission
PIM Receiving a Message	blinking	blinks off momentarily

IRL/MIRL/WISI VISUAL AND AUDIBLE STATUS INDICATIONS		
Action	Card Reader LED Indication	IRL/MIRL/WISI Sounder
IRL/MIRL/WISI is powered and then displays software version number	X red flashes then Y green flashes *	none
IRL/MIRL/WISI Relocks (motor runs)	1 red flash	1 beep
If linking, IRL/MIRL/WISI sends a link request (up to 3 times per RF channel) looking for a WPIM in link mode	1 green flash; then 1 red flash once for each link request sent	none
If linking, IRL/MIRL/WISI & WPIM do an Packet-Error-Rate test for about 20 seconds	flashes for each RF transmission: green flash for a good transmission red flash for a bad transmission	none
If linking, IRL/MIRL/WISI linked successfully and indicates the RF Channel on which it linked	Z green flashes *	Z beeps *
Or if linking, IRL/MIRL/WISI not linked successfully	2 red flashes	10 short beeps
Card swiped and not read	none	none
Card swiped and read	none	1 beep
No communications with card swipe	1 red flash – immediate	none
Access denied	2 red flashes – delayed about 1-15 seconds	1 beep
Access granted, IRL/WISI unlocks (motor runs)	1 green flash	none
IRL/MIRL/WISI Relocks (motor runs)	1 red flash	1 beep
IRL/MIRL lock motor stall when trying to lock	NA	1 beep

WPR VISUAL & AUDIBLE STATUS INDICATIONS		
Action	LED Indication	WPR Sounder
WPR is powered and then displays software version number	X red flashes then Y green flashes*	none
If linking, WPR sends a link request (up to 3 times per RF channel) looking for a WPIM in link mode	1 green flash; then 1 red flash once for each link request sent	none
If linking, WPR & WPIM do an Packet-Error-Rate test for about 20 seconds	flashes for each RF transmission: green flash for a good transmission red flash for a bad transmission	none
If linking, WPR linked successfully and indicates the RF Channel on which it linked	Z green flashes*	Z beeps*
Or if linking, WPR not linked successfully	2 red flashes	1 long beep
Card swiped and not read	none	none
Card swiped and read	none	1 beep
No communications	1 red flash – immediate	none
Invalid card swiped	1 long red flash – delayed about 1-15 seconds	1 beep
Valid card swiped	W seconds long green flash	none
Low WPR Battery (when card swiping)	1 long red flash	3 beeps

WUSI VISUAL STATUS INDICATIONS	
Condition	Card Reader LED
WUSI is powered and then displays software version number	Y green flashes*
WUSI sends a link request (up to 3 times per RF channel) looking for a WPIM in link mode	1 green flash each link request sent
If linking, WUSI & WPIM do an Packet-Error-Rate test for about 20 seconds	flashes for each RF transmission: green flash for a good transmission, red flash for a bad transmission
If linking, WUSI linked successfully and indicates the RF Channel on which it linked	Z green flashes*
Or, if linking, WUSI not linked successfully	2 red flashes
Card swiped and not read	solid red
Card swiped and read	red to green to red
No communications with card swipe	red to green to red
Access denied	red to green to red
Access granted, WUSI activates Strike & Auxiliary Relays	green stays on as long as the Strike Relay is activated

WRI VISUAL STATUS INDICATIONS		
Condition		LED Indication
		LED1 (green)
Normal operation, WRI is powered & the microprocessor is running	Tamper On (WRI door open or external tamper)	blinking
PIM is not powered or PIM is defective	Tamper Off	on
WRI is powered and then displays software version number		off
WRI sends a link request (up to 3 times per RF channel) looking for a WPIM in link mode		on
If linking, WRI & WPIM do an Packet-Error-Rate test for about 20 seconds		on
If linking, WRI linked successfully and indicates the RF Channel on which it linked		on
Or, if linking, WRI not linked successfully		on
Card swiped and not read		blinking
Card swiped and read		blinking
No communications with card swipe		blinking
Access denied		blinking
Access granted, WRI activates Strike & Auxiliary Relays		blinking

\* X = major software version number (any number is possible)  
 Y = minor software version number (any number is possible)  
 Z = RF channel number that the IRL linked on (1-15)

RECOGNITION SOURCE  
 3820 Stern Avenue  
 St. Charles, IL 60174  
 (630) 762-4450  
 (630) 762-4444 fax