



IntelliZone[®]

PROXIMITY DETECTION

STATUS SCREEN FOR MOBILE EQUIPMENT

IntelliZone[®]
PROXIMITY DETECTION



- **Easy to diagnose system without Faceboss**
- **No underground laptop required**
- **Decreases time to trouble-shoot system**
- **MSHA approved**

The Matrix Status Screen also provides in-cab directional zone information for mobile equipment operators.

The IntelliZone[®] Status Screen provides a quick visual report, showing if your system drivers and locators are working properly. This optional accessory decreases the time required to trouble-shoot a system issue without the use of a laptop or Faceboss.

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STATUS SCREEN FOR MOBILE EQUIPMENT

IN-CAB DIRECTIONAL DISPLAY



DIAGNOSTIC SCREEN OPTIONS

	FAIL	
0055A7	2	3
001234		
987654	1	0

Diagnostic Summary

P5: Digital I/O Status					
INPUT			OUTPUT		
0	ON	5	ON	0	OFF
1	ON	6	ON	1	OFF
2	ON	7	ON	2	OFF
3	ON	8	ON	3	OFF
4	ON	9	ON		

Digital Status

P3: Locator/CLL Status	
Sync Rate	Pass
Locator Test Status	Pass
Locator Wave Set	Pass
Locator Battery Voltage	Pass
Locator No FPGA Int	FAIL
Locator Driver Dist Diff	Pass

Locator Status

P4: Controller Status	
Controller Version	Pass
Vortex Board Version	Pass
KeyLok Authentication	FAIL
Soft PLC Comms	Pass
CAN Serial Num	WARN
MML RF Signal Detection	Pass
72V Supply	Pass

Controller Status

P2: CANbus Status	
Vortex CANbus	Pass
AVR CANbus	Pass
RF Module Status	
Serial Comms	Pass
MNet Connection	WARN
Wireless AVR Error Code	Pass

CANbus Status

P1: Driver Status	0	1	2	3
Enabled	P	P	P	P
Serial Comms	P	W	P	F
Signal Open	P	P	P	P
Signal Short	P	P	P	P
Power Open	P	P	P	P
Power Short	P	P	P	P
MML Mag Signal Detection	P	P	P	P

Driver Status

For mobile equipment with in-cab indicators, the Matrix Status Screen also provides this function.

NOTICE

Matrix IntelliZone is intended to help teach mine personnel to safely interact with equipment and stay clear of danger zones.

It is not intended to replace safe operating practices. IntelliZone is a useful tool to assist in personnel training.

Information and specifications contained in this document are subject to change without notice.

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