

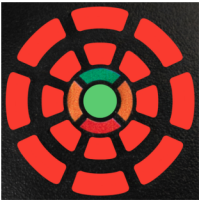
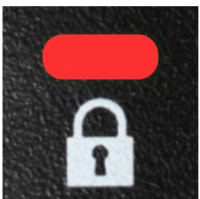


3.0 In-Cab Display Unit

Full Display Legend

Startup & Operating Indicators

Before operating the system, review the startup and operating indicators to understand how the Display Unit communicates power, readiness, and active detection states.

INDICATOR	DESCRIPTION	NOTES
	POWER ON	At POWER ON , all lights will turn on & off in sequence and buzzer will beep 3 times. Center lights will turn RED then GREEN then ORANGE , then buzzer will beep once more.
	READY TO DETECT	System is READY TO DETECT when scanning light (Wi-Fi symbol) lights GREEN .
	APPAREL DETECTED	Illuminated in RED with centre light GREEN
	ASSET DETECTED	Illuminated in GREEN with centre light GREEN
	OPERATOR LOCKOUT ENABLED	The detection alerts from one unique apparel tag ID have been muted <i>*For more information on OPERATOR LOCKOUT see page 8</i>
	OPERATOR LOCKOUT DISABLED	A unique apparel ID tag has been detected and can be muted by pressing and releasing the RED Lockout Button <i>*For more information on OPERATOR LOCKOUT see page 8</i>



3.0 In-Cab Display Unit

Full Display Legend

2.0 Directional Detection Indicators

The SCAN~LINK 3.0 In-Cab Display Unit is fully compatible with the legacy SCAN~LINK 2.0 Antenna Units and may be used in the display configurations shown in the table below.

VERSION	APPLICATION	ALL	NODE 1	NODE 2	Display Config
2.0	SINGLE NODE DETECTION				1
2.0	SINGLE NODE FRONT DETECTION				14
2.0	SINGLE NODE RIGHT DETECTION				15
2.0	SINGLE NODE REAR DETECTION				16
2.0	SINGLE NODE LEFT DETECTION				17
2.0	DUAL NODE FRONT & REAR DETECTION				2
2.0	DUAL NODE REAR LEFT & REAR RIGHT DETECTION				3
2.0	DUAL NODE REAR & RIGHT DETECTION				18
2.0	DUAL NODE REAR & LEFT DETECTION				19



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Full Display Legend

3.0 Directional Detection Indicators

VERSION	APPLICATION	ALL	NODE 1	NODE 2	Display Config
3.0	SINGLE NODE DETECTION				4
3.0	SINGLE NODE FRONT DETECTION				20
3.0	SINGLE NODE RIGHT DETECTION				21
3.0	SINGLE NODE REAR DETECTION				22
3.0	SINGLE NODE LEFT DETECTION				23
3.0	DUAL NODE FRONT & REAR DETECTION				5
3.0	DUAL NODE LEFT & RIGHT DETECTION				6
3.0	DUAL NODE FRONT LEFT & FRONT RIGHT DETECTION				7
3.0	DUAL NODE REAR LEFT & REAR RIGHT DETECTION				8



3.0 In-Cab Display Unit

Full Display Legend

3.0 Directional Detection Indicators

VERSION	APPLICATION	ALL	NODE 1	NODE 2	NODE 3	NODE 4	Display Config
3.0	DUAL NODE RIGHT & REAR DETECTION						12
3.0	DUAL NODE LEFT & REAR DETECTION						13
3.0	DUAL NODE REAR & RIGHT DETECTION						24
3.0	DUAL NODE REAR & LEFT DETECTION						25
3.0	QUAD NODE 360° DETECTION						9
3.0	QUAD NODE CUSTOM DETECTION 1						10
3.0	QUAD NODE CUSTOM DETECTION 2						11



3.0 In-Cab Display Unit

Full Display Legend

Error Codes & Indicators

Error codes alert operators to system faults or abnormal conditions that may require attention or corrective action before continued operation.

INDICATOR	MEANING	AUDIBLE	CORRECTIVE ACTION <i>*Requires RapidPair in most cases</i>
	HARDWARE ERROR Centre is SOLID RED	None	Return the In-Cab Display Unit for repair.
	COMMUNICATION ERROR Centre is BLINKING ORANGE	Beeping at 0.5Hz if 'Buzz on Communications Error' is enabled via RapidPair™	1. Check that power is within specification to the In-Cab Display and Antenna Units. 2. Check that your RapidPair dongle is compatible with both. Antenna & In-Cab Display units (see Product Briefings). 3. Check the Antenna & In-Cab Display pairing with RapidPair. 4. See the section 'In-Cab Display has only a Blinking Orange Light' below for further insight.
	CONFIGURATION ERROR Centre is BLINKING ORANGE		***Follow these steps after checking you do not have a Communication Error 1. Check that your RapidPair dongle is compatible with both the Antenna & In-Cab Display units (see Product Briefings). 2. Check the Antenna Node Properties. a. Under 'Operation', select the correct number of Antenna nodes using the "Multiplexer Lines" i. (1-4 Antennas) 3. Set the power level for each Antenna (1-4). 4. Click "ACCEPT". 5. If the error persists, contact SCAN~LINK for more support.
	THROUGHPUT ERROR Centre is BLINKING RED		1. Check the 'Diagnostics' tab under the Node Properties of the Antenna with RapidPair. 2. Confirm that 'Threshold' = 20 and 'universal ID' = 0000000000000000 (16 zeros). 3. Try increasing the 'Detect Power', found in this same tab, to a maximum of 15dBm. 4. If the error persists, return the In-Cab Display & Antenna Units for repair.



3.0 In-Cab Display Unit

Full Display Legend

Error Codes & Indicators

INDICATOR	MEANING	AUDIBLE	CORRECTIVE ACTION <i>*Requires RapidPair in most cases</i>
	ANTENNA STARTUP ERROR <i>BLINKING RED</i>	Beeping at 0.5Hz if 'Buzz on Communications Error' is enabled via RapidPair™	1. Power cycle both the Antenna & In-Cab Display Unit. 2. Ensure that the Antenna Unit and In-Cab Display Unit are compatible (see Product Briefings) with each other and your RapidPair dongle. 3. Using RapidPair, un-pair the Antenna from the In-cab Display. 4. Power cycle both units again. 5. Re-pair the Antenna to the In-Cab Display Unit. 6. Power cycle both units once more. 7. If the error persists, return the In-Cab Display & Antenna Units for repair.
	TAG DETECTION POWER LEVEL SETTING ERROR <i>BLINKING RED</i>		
	ANTENNA DETECTION ERROR <i>BLINKING RED</i>		
	ANTENNA TEMPERATURE RANGE ERROR <i>BLINKING RED</i>		
	ANTENNA SOFT RESET ERROR <i>BLINKING RED</i>		
	ANTENNA COMMUNICATIONS PROTOCOL ERROR <i>BLINKING RED</i>		
	IN-CAB DISPLAY COMMUNICATIONS PROTOCOL ERROR <i>BLINKING RED</i>		



3.0 In-Cab Display Unit

Full Display Legend

Adjustable Volume Controls & Indicators

The SCAN~LINK 3.0 Display Unit features **adjustable volume controls** to accommodate varying worksite conditions and operator preferences. This allows Operators to clearly hear alerts in high-noise environments while also reducing unnecessary sound in quieter settings.

When no tags are being detected, volume levels can be increased or decreased by **pressing and holding** the **RED Lockout Button** until the desired volume level is reached.



Figure 1: 3.0 Display Unit at maximum volume

INDICATOR	AUDIBLE	MEANING
	CONTINUOUS SOFT BEEP	Minimum volume
	CONTINUOUS MEDIUM BEEP	Mid-level volume
	CONTINUOUS LOUD BEEP	Maximum volume



3.0 In-Cab Display Unit

Full Display Legend

Operator Lockout Controls & Indicators

**Operator Lockout is only available for 3.0 Display Units when paired with 3.0 Antenna Units*

In some cases, Operators may experience their own RFID tags being detected by the SCAN~LINK system installed on the equipment they are operating. This can occur when the Antenna's detection field extends into the Operator's seated position, resulting in self-detection events.

The Operator Lockout function provides an effective solution. It enables the muting of one specific piece of tagged apparel during equipment operation, allowing the system to ignore the Operator's tag while still detecting others nearby.

How the Operator Lockout Works:

- The Operator can mute their RFID tag by **pressing and releasing** the **RED Lockout Button** on the Display Unit.
- Muting is only possible when one RFID tag is being detected (alarm/detection active and indicator light green). Once muted, the indicator light will turn red.
- When the **Operator Lockout indicator light is RED**, the operator lockout function is engaged.
- Ensure that no other personnel are within detection range when muting your RFID tag, as nearby tags could be muted inadvertently.
- Only one RFID tag can be muted at a time.
- To un-mute, press the Mute button again.
- If any issues are observed, immediately report them to your supervisor or mechanic on duty.



Figure 2: 3.0 Display Unit with Operator Lockout engaged

INDICATOR	DESCRIPTION	NOTES
	OPERATOR LOCKOUT ENABLED	The detection alerts from one unique apparel tag ID have been muted
	OPERATOR LOCKOUT DISABLED	A unique apparel ID tag has been detected and can be muted by pressing and releasing the RED Lockout Button

NOTE: Only SCAN~LINK Apparel can be muted. SCAN~LINK Marker Tags *cannot* be muted.