



INFINITY™

PRODUCT DATA SHEET

Model: IRLC-SW



Main Screen



Lane Screen



Lane Counts Screen

INFINITY™ SOFTWARE

Orion's Infinity™ Platform is the heart of the Orion ecosystem as the software ties together all products in a natively imbedded, front facing dashboard, for management, guard staff and technical support. The Infinity™ platform aligns with Orion's Sensor Solutions roadmap.

Infinity's robust API allows for integration into security, access control, payment systems, building automation, occupancy status systems, reservation systems, health monitoring and more.

Infinity Remote Lane Control & Diagnostic Software maximizes the interactive experience of Orion's SpeedGate & SpeedLane Turnstiles. Infinity is compatible with Windows 10 operating system.



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TECHNICAL SPECIFICATIONS



MULTIPLE COMMUNICATION TYPES

The Infinity software communicates with the lanes in two potential ways. On a network with static IPs (LAN, V-LAN, or an existing building network), or via RS-485 Serial communications.



MULTIPLE MAIN SCREENS

Select a standard layout main screen for the arrangement of your products. There will be one available for each standard arrangement.



CUSTOM MAIN SCREENS

Arrange your main screen in the shape of your lobby. Can display desks, pillars, computers, TVs, and other objects in the layout.



REMOTE ACCESS CONTROL

Grant passage for users in either direction via Infinity.



REAL TIME BARRIER MOTION DISPLAY

If your product has barriers, this option may be selected to display barriers on the main screen. The barriers will move in real time on the screen as they do on the lane, providing a visual of the lanes movement.



ADJUST SETTINGS

Individual alarm tones, volumes, motor positions, motor torques and more.



PLAY LANE ALARMS AT PC

Allows the computer operating Infinity to produce alarm tones concurrently with all lane alarms. Can be helpful if lanes are far from the PC.



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CUSTOM LANE & SUITE NAMES

Name the individual lanes and suites anything you would like.



DISPLAYS ACTIVE LANE STATUS

Any alarm or lane status condition is displayed above each individual lane as long as the condition persists.



OCCUPANCY / COUNTING

Intrusion/tailgate/crawl/valid/invalid. Total in, Total Out, and Total Building occupancy.



LOG OCCUPANCY

Log the total counts and occupancy. Export to files in time increments as needed for reports on building occupancy throughout the day.



SCHEDULER

Schedule the lane to do various functions at various times on various days. Enable/disable LEDs, Lane Functions (free exit, close etc.), export log files, export alarm logs, export counts.



ALARM LOG

Each major event is logged with a time stamp and date, including power cycles.



SET LANE MODES

Close, Disable, Enter Only, Exit Only, Optical Mode, Free Exit, Free Enter, No Confirm, Barrier Reset, Clean Barrier.



REMOTE VOLUME CONTROL

Turn the volume up or down, or even mute from Infinity.



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TROUBLESHOOTING



SERVICE CALL INFORMATION

Input any and all Integrator or service teams information for the end-user to have easy access to.



INFINITY CONNECT

When activated, allows an Orion representative to control the Infinity software via a remote connection to assist with issue resolution.



SENSOR / BEAM INPUTS

Monitor the beam inputs in real time. Helps determine which beams are being blocked/ what the lane is registering.



MONITOR LANE INPUTS & OUTPUT

Shows current status of Inputs and Outputs within the lane. These Include FACP, Card Access, Pushbutton or hardwired in-puts, LSI and Motor outputs.



RECORD / PLAYBACK

Record any sensor or event activity and play it back. Used for troubleshooting unexpected or irregular activity. Can replay in slow motion, or export and import recordings to apply to different lanes.



BEAM SCOPE

Will show the exact times and order that beams are broken and when they return to making contact. Can help determine if beams break in correct order for algorithm detection.



COMPLETE BEAM TEST

Enables and disables all beams in the lane and powers them individually to detect proper alignment or possible crosstalk.



SIMULATE INDIVIDUAL PASSAGE

Intrusion, tailgate, valid enters and exits. This can save the user from walking through the lane during testing by simulating the passages.