

Market Release Note

MRN-TS1016-002

Product number: TS1016 & TS1016B

Product description: Challenger10 Control Panel

Product version: V10-02.3605

Affected parts: TS1016 & TS1016B

Release date: 22nd November 2013

New features

- New RAS navigation options. With certain LCD RAS keypads you can now move backwards and forwards through the menus and you can move to the next database record. For example, if you are in input programming and change its input type, you can now move directly to the next input to change its input type.
- Time zone added to System Options. The time zone setting is used to indicate regional time zone (and DST combinations) when events are reported to the central monitoring station via Tecom IP Receiver.
- Area search feature. Area search is a process by which a person must ensure that a facility is safe as part of the disarming process. An alarm is generated if the area search is interrupted or not completed within a specified time.
- Automated input testing. Inputs can be assigned a timer, which is reset each time the input is successfully tested by being unsealed and resealed (even for normal activation during open times). Inputs that have not been tested within the required number of days are reported to the monitoring centre.
- Exit fault reporting. This feature reports an exit fault message if a non-entry/exit type input goes into alarm when the exit timer is running.
- Users can be assigned a start and end date that is stored in the panel (permanent connection to management software is no longer required to activate or remove a person's access). This functionality is not supported on door controllers.
- Communication paths can use dynamic computer IP addresses. This functionality is used to quickly populate the path's IP address when a valid open connection message is received (both the port number and the (non-zero) computer password must be correct).
- Remote firmware upgrade capability. The firmware of the Challenger10 panel can be upgraded remotely via Titan connected by Ethernet or USB. The database on the panel is not affected by a firmware upgrade, so reprogramming is not needed.
- Send printer events over IP. You can send printer events in ASCII format over an UDP/IP connection.
- Various end-of-line resistors. The panel's 16 inputs use standard 10 k Ω end-of-line (EOL) resistors by default, but can support a range of other end-of-line resistor values.
- Added new Contact ID sub format for Securitel. This sends CID messages encapsulated in a Securitel packet. Please contact Interlogix for further details.

Note: New features are currently supported in Titan version 3.2 or later.

Changes to existing features:

- Area Group 1 contains areas 1 to 99 by default.
- Communications path encryption now supports AES 128-bit or AES 256-bit encryption types.
- Communication Path 2 “USB Installer” is now active by default. This means a default connection to Titan via a USB cable requires no user intervention on the panel to start communicating.

Documentation & downloads

Marketing Collateral	Challenger10 Datasheet
User Manuals	Challenger10 Administrator Manual
	Challenger10 Installation & Quick Programming Manual
	Challenger10 Programming Manual (password protected log in to Interlogix Support Portal required)
	Challenger10 Users Manual
Firmware Download	Challenger10 Firmware

Issues resolved in this release

- RASs connected on the Challenger LAN would continuously beep.
- The panel would not negotiate less than 2400 baud.
- Two paths are using the same port and a connection setting is changed would cause the port to stop responding.
- A CPU restart would occur when the LAN was fully loaded, dialler activated, and there were multiple macros running.
- When a macro output is set to event flag, the event flag number prevents the input from reporting.
- If “Send event out of TZ” option of a communication path is programmed with the time zone 0 (24-hour), then the option is ignored (events are sent at any time).
- Challenger10 will now communicate reliably over dialler even if the baud rate in Titan is set lower than 19200 baud.
- If the panel’s security password is 0000000000, and you connect via management software with a different valid password, then the panel will set the password in its comms path to the valid password.
- The dialler could intermittently lock up when thousands of events are generated.
- The panel would intermittently not accept an incoming connection from Titan.

Known issues

- DVR time and date synchronisation is not supported in this release.
- “Reset from RAS without code” only works if the RASs alarm group has area group 1.
- The use of “Path Priority” or “Backup for Path No” in any comms path is currently not advised.
- Occasionally after a firmware upgrade some inputs become isolated erroneously. These can be de-isolated after the upgrade.
- On a wireless DGP, input numbers displayed on an LCD RAS are incorrect for any WDGP address higher than DGP 1. This issue affects only the display of input numbers via LCD RAS when programming a WDGP. The reporting of WDGP inputs to the Challenger10 panel is not affected.
- WDPG model CA1230 at DGP address 32 will not respond properly to polling after the Challenger10 is power cycled.
- The Challenger10 panel cannot communicate in polled mode via TCP/IP to management software.