

## XR100 and XR500 Canadian Series Software Update

**January 2010**

### Software Update

Effective January 2010, all XR100 and XR500 Canadian Series Command Processor panels will be manufactured with Version 205C (1/5/10) software. This version is an update from the Version 204 (8/28/09) software previously shipped and will contain new features and updated operations.

Remote Link Version 1.52 or higher is **required** to support the new features of panel Version 205C. Remote Link Version 1.52 will be available for download on the DMP Dealer Direct Website at time of release.

### Features

The following features have been added to comply with the January 1, 2010 effective date of the Canadian standard ULC S304-06 Standard for Central and Monitoring Station Burglar Alarm Units.

#### Dual End of Line

An option has been added to System Options programming to allow the use of dual 1K End-of-Line resistors on panel zones 1 - 8.

DUAL EOL NO **YES**

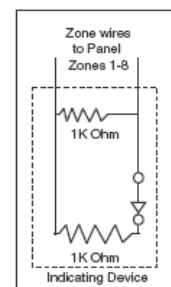
Dual EOL

Select YES to enable the use of dual 1K EOL resistors on panel zones one to eight. This zone operation is available for medium or high risk ULC Listed applications. See the Dual EOL section in the XR500 Series Canadian Installation Guide for complete details. Select NO to disable this feature. Default is YES.

The XR500 Series Canadian panel supports the use of dual 1K EOL resistors on panel zones one to eight. Two EOL resistors are used so a wire trouble can be indicated during the disarm period. When dual end-of-line operation is chosen in panel programming, normal zone processing occurs with the following exception: When processing an open zone and a trouble or alarm message is NOT programmed to be sent for the open state, the panel checks to see if the wire is cut. If the wire is cut, the panel automatically sends an alarm if armed or trouble is disarmed.

**ZONE STATUS**

	Zone Wires Open	Zone Wires Short	Contact Normal	Contact Open
<b>Disarmed</b>	Trouble	Trouble	Normal	Normal
<b>Armed</b>	Alarm	Alarm	Normal	Alarm



### DD Receiver Messages

All Digital Dialer (DD) messages are now sent to the SCS-1R receiver with Minutes Ago data included. The Minutes Ago data indicates how long ago the event occurred. This typically would be zero minutes ago as the message is sent just after the event occurs. On the rare occasion that a failed communication occurred because the panel dialed 10 times and the receiver did not answer, messages that are stored until communication is restored are then sent and the Minutes Ago data provides the number of minutes that have elapsed since the event occurred.

### Zones at Power-up

When the power is re-connected to the XR500 Series Canadian panel after an AC power failure and the subsequent battery cutoff, all zone transitions are ignored for 120 seconds to allow powered devices to reach normal operation after power up. Normal zone processing resumes at the end of the 120 seconds.

### Check-in Time

When the Check-in Minutes option in Communication programming is set to three (3) minutes to meet Active Level 3 of S304-06, the check-in is sent to the receiver every ninety (90) seconds instead of every two (2) minutes.

### Remote Arming

Remote arming using Remote Link is not permitted by ULC for the XR100 and XR500 Canadian Series panels.

### Obtaining the New Software

The XR100 and XR500 Series software update and Remote Link update will be available for download free of charge on the DMP Dealer Direct Website at <http://dmp.com/dealer>.