



Tech Note

intelix RS232 version 2 to version 3 changes

When **intelix** changed their RS232 protocol from version 2 to version 3, the following major alterations were made. All RS232 current manuals, both in print on the **intelix** web site, reflect these changes.

- 1) The start byte was changed from FB hex to FA hex. This change affects all RS232 messages.
- 2) The object ID fields were removed from all RS232 messages. This change affects all RS232 message formats. Note that this change alters the length of all messages.
- 3) Messages have been reordered within classes, yielding many message ID changes.

Old (v. 2) Obsolete Protocol Example

This example from the version 2 protocol shows the FBh start byte, the object ID field and an obsolete message ID number.

RS232_START	length	data fields		
		class	message ID	object ID
FBh	00h 05h	02h	02h	02h, 05h

data fields		Checksum
target value (escaped)	checksum (escaped)	
240h, 01h	240h, 0Ch	

New (v. 3) Protocol Example

This example from the version 3 protocol shows the new FAh start byte, no object ID field and a new message ID number.

RS232_START	length	data fields		
		class	message ID	input
FAh	00h 05h	02h	03h	01h

data fields		Checksum
output	target value (escaped)	
0Ah	F0h, 01h	10h