

JTL FIRMWARE VARIATIONS		TA210 TA211 DC210
VERSION	DESCRIPTION	DATE
v0.01.5	Production release.	Oct 98
v0.01.7	Product renamed to DC210. Non volatile memory test modified on power up to reduce possibility of memory defaulting to factory setting.	Mar 2000
v0.01.9	Non volatile memory test conducted regularly throughout operation and any faults flagged. Only allowed to default to factory settings when item 9 is set.	Apr 2000
	Product transferred into PIC 16C63A, code re-linked.	May 2000
v0.02.0	Plant input (input 2) made general purpose input. % temperature ratio range changed to 0 - 100%. Sensor inputs renamed T1 & T2 to make more general purpose. Sensor configuration choice increased to include T2 only as well. Sub-type on item 98 made settable so Outstation/SiteView can deal with it depending on use (DC, CR, AH) Alarm texts changed. Product renamed to TA210 again because it is now more versatile.	July 2000
v0.02.1	Item 98 range increased from 2 - 4 to 2 - 5, this allows TA211 hardware to be determined remotely.	June 2002
v0.02.2	Added critical and non-critical door alarms on item 80, used when configured as coldstore monitor (item 98=3). Added setpoint for optimiser support on item 30. Modified serial port handling code to use common Tx/Rx buffer. Removed support for extended sign-on(%) and DLE sign-off. Reduced reply delay to speed up comms. Modified source filenames for incorporation to version control. Added maximum defrost time on item 57 and corresponding alarm on item 88. Left item 107 but always functions as contact initiated defrost. Item 71 added- logical input status.	Oct 2003
v0.02.3	Added subtype 6 - uses input 2 to inhibit temperature and defrost alarms. Reports shutdown on item 70. Added item 89 as duplicate of item 98 for comms only. Removed item 6 from MU.	Jan 2004
v0.02.4	Enabled network command reception on item 46. Implemented network initiated defrost and network shutdown capability. Cancel temperature alarms during defrost recovery.	Feb 2004
v0.02.5	Added item 68 as second duplicate of item 98 for comms only. Strip "B" character from comms protocol where appropriate. Removed unused maths routines.	Apr 2005