Release Notes:

Software Image on **X2 pro**, **marine** & **control** panel series

Software version history

Released Version	Date	Description
X2 v2.1 HF b909	Oct 2022	Supports model types: All X2 pro/marine and BoX2 pro. NOTE! Update of Image requires update of related EBOOT Build 909 as well. Update EBOOT via "Make Recovery SD Card", see "Beijer Panel Image" manual (MA205x) for information.
X2 v2.1 b894	July 2021	Supports model types: All X2 pro/marine and BoX2 pro. **NOTE!** Update of Image requires update of related EBOOT Build 894 as well. Update EBOOT via "Make Recovery SD Card", see "Beijer Panel Image" manual (MA205x) for information.
X2 v2.0 b775	March 2020	Supports model types: All X2 control/marine SC and BoX2 pro SC. **NOTE!** Update of Image requires update of related EBOOT Build 775 as well. Update EBOOT via "Make Recovery SD Card", see "Beijer Panel Image" manual (MA205x) for information.
X2 v2.0 b773	Oct 2019	Supports model types: All X2 pro/marine and BoX2 pro. **NOTE!** Update of Image requires update of related EBOOT Build 773 as well. Update EBOOT via "Make Recovery SD Card", see "Beijer Panel Image" manual (MA205x) for information.
X2 v1.5.1 b692	Sept 2019	Supports model types: All X2 control/marine SC and BoX2 pro SC. **NOTE!** Update of Image requires update of related EBOOT Build 692 as well. Update EBOOT via "Make Recovery SD Card", see "Beijer Panel Image" manual (MA205x) for information.
X2 v1.5 B686	April 2019	Supports model types: All X2 pro/marine except X2 base and X2 control **NOTE!** Update of Image requires update of related EBOOT Build 682 as well. Update EBOOT via "Make Recovery SD Card", see "Beijer Panel Image" manual (MA205x) for information.
X2 v1.4 B581	June 2018	Supports model types: All X2 pro/marine/control except X2 base **NOTE!** Update of Image requires update of related EBOOT Build 581 as well. Update EBOOT via "Make Recovery SD Card", see "Beijer Panel Image" manual (MA205x) for information.
X2 v1.3 B569	September 2017	Support of new X2 pro 7 – 2eth model, improvements and bug correction. Supports model types: X2 pro 4, X2 pro 7, X2 pro 7 – 2eth, X2 pro 10, X2 pro 12, X2 pro 15, X2 pro 21, X2 marine 7, X2 marine 15. **NOTE!** Update of Image requires update of related EBOOT Build 569 as well. Update EBOOT via "Make Recovery SD Card", see "Beijer Panel Image" manual (MA205x) for information.
v1.2 B508	April 2017	Initial release with support of CODESYS Control SoftPLC. Supported model types: X2 control 4, X2 control 7, X2 control 10, X2 control 12, X2 control 15.

		X2 marine 7 SC, X2 marine 7 HB SC, X2 marine 15 SC, X2 marine 15 HB SC.
v1.1 B448	February 2017	Improvements and bug correction. Supported model types: X2 pro 4, X2 pro 7, X2 pro 10, X2 pro 12, X2 pro 15, X2 pro 21. X2 marine 7, X2 marine 15.
v1.0 B325	September 2016	Initial release of the X2 Pro panel platform. Supported model types: X2 pro 4, X2 pro 7, X2 pro 10, X2 pro 12, X2 pro 15. X2 marine 7, X2 marine 15.

New features, removed functionality and corrected defects

Version	New features/ Bug fix	ID (internal)	Description
V2.1 HF B909	New features	N/A	
	Removed	N/A	
	Corrected defects	61462	Disable file cache due to high wear on the internal flash memory.
		67195	Improve the Service warning functionality for internal flash memory.
		66102	Include QFE update from version 69 to version 74. Many security fixes are added in this update.
V2.1 B894	New features	52853	Early warning on wear/lifetime for internal memory.
		49889	Firmware upgrade include Eboot.
	Removed	N/A	
	Corrected defects	58990	Fixed issue related to Type Load Exception at startup of X2 application.
		42852	Fixed issue by means of making sure no process is hanging, and by that causing problems when downloading iX applications.
		48585	Solved issue with incorrect clock source selection which could cause a black screen on startup of the device.
V2.0 B775	New features	N/A	
	Removed	N/A	
		#50403	CoDeSys: CAN communication poorly on COM3

	Corrected defects	#50003	CoDeSys: CAN communication(COM3) stopped when iX project starts
V2.0 B773	New features	#49403	Add support for Acirro+
	Removed	N/A	
	Corrected defects	#49335	Improve startup of iX project by adding watchdog handling.
V1.5.1 B692	New features	#47940	Change the name of ethernet port for Codesys
		#48023	Improve the update functionality of the Codesys
	Removed	N/A	
	Corrected defects	#36990	Improve detection of SDCard
		#43352	Improve the backlight dimming for X2 marine 15 HB
V1.5 B686	New features	#41446	Add support for CAN
		#41574	Add support for Swedish and German keyboard
		#44779 #46112	Add support for FTDI
	Removed		n/a
	Corrected defects	#39265	Panel gets stuck in welcome screen (IPNAT)
		#46290	CPU throttle below zero degree
		#45031 #45033 #45070	Improve touch functionality
V1.4 B581	New features	#34180	Download/Update Codesys remotely
		#36677	Add support for MPI direct
		#33977	Add support of X2 control 21
	Removed		n/a
		#34456	Fix the stripe problem for X2 pro/control 21

	Corrected defects	#34496	Improve detection on USB memory during startup.
		#37665	Fix bug on retain.
v1.3 B569	New features	#30468	Added support of new "X2 pro 7 – 2eth" model. Requires iX Developer 2.30 SP1 or later.
		#18985 #18986	Added support of Product health and Service time internal when eMMC flash memory and Backlight reaching end of lifetime. Presented in Diagnostic Page and in a warning Message: *"The unit should be scheduled for preemptive maintenance service"*
		#20335	Added support for customer designed Start-up screens. Panel Image manual (MA205B) for more information.
		#28575	Improved performance on the Media player object and support of popup window.
	Removed		n/a
	Corrected defects	#20180	FW version on mounted expansion Profibus DP module was not presented in Diagnostic page.
		#21636	Panel crashed when try to play mp3 file on Media player object. Note! Audio out and mp3 files not supported on X2 panels.
		#22611	IP-settings (DHCP-configured) was reset to Static IP after image (Firmware) update.
		#30378	List of Time zones and Regions was not sorted in Runtime order.
		#24260	Information about Network interfaces in Diagnostics page was cleared or incorrect
		#24445	Completion of Touch calibration required an external keyboard.
		#31443	Using the Text encoding 28591 crashed the iX application
		#31572	White screen during boot-up if LAN B was not connected to the network
		#31277	Strange value was presented in Diagnostic Page (board temp. range 0 - 536870656°C)
v1.2 B508	New features		Initial release with support of CODESYS Control SoftPLC.

	Removed		n/a
	Bug fixes		n/a
v1.1 B447	New features	#22820	Improved the touch accuracy and calibration on the X2 pro 21.
		#20335	Added support for customer designed start-up screens.
		#20703	The Eboot version is displayed on the diagnostics page.
	Removed		n/a
	Bug fixes	#24459 #20499	Application reloading issues when re-connecting/connecting the Ethernet cable to the LAN A port. Power supply restart was needed.
v1.0 B325	New features		Initial version
	Removed		n/a
	Bug fixes		n/a