

# iSMA-B-SD-PRO

## MAC36PRO microSD card

iSMA-B-SD-PRO Release Note 1.2

2025

NAME	DESCRIPTION
<p>iSMA-B-SD-PRO Ver. 1.2 Release date 02 December 2025</p>	<p><b>Golden Image Name:</b></p> <ul style="list-style-type: none"><li>• mac36pro-secureboot-imx8mp-var-dart_153.wic</li></ul> <p><b>SHA-256 Image Checksum:</b></p> <ul style="list-style-type: none"><li>• 0c9dfc8688990f78b305b6695f1a4e0bc4367f33873f5ade8b029a78dc7592fe</li></ul> <p><b>OS Version:</b></p> <ul style="list-style-type: none"><li>• 153;</li></ul> <p><b>Niagara Versions supported by default:</b></p> <ul style="list-style-type: none"><li>• 4.10.11.12;</li></ul> <p><b>New Features:</b></p> <ul style="list-style-type: none"><li>• IP over USB on USB2;</li><li>• New Device Management Webserver on port :5580;</li><li>• Built-in Wireguard VPN Client;</li></ul> <p><b>Improvements:</b></p> <ul style="list-style-type: none"><li>• Supports the new 4.10.11 cleandist;</li><li>• Strengthened default network security configuration;</li></ul> <p><b>Bugfixes:</b></p> <ul style="list-style-type: none"><li>• MAC-3758 – Enabled NTP service causes controller freeze due to log overflow;</li><li>• MAC-3448 - Factory reset doesn't restore the DHCP server to its factory settings;</li><li>• MAC-3454 - Unable to change network settings in TcplpService in station after factory reset;</li><li>• MAC-3458 - Factory reset doesn't restore IEEE 802.1X configuration to its factory settings;</li><li>• MAC-4058 – Station fails to start after RTC capacitor discharge due to date mismatch;</li></ul> <p><b>Supported Niagara Versions:</b></p> <ul style="list-style-type: none"><li>• 4.10.11;</li><li>• 4.13.3;</li><li>• 4.14.3;</li><li>• 4.15.2.</li></ul>

NAME	DESCRIPTION
<p><b>iSMA-B-SD-PRO Ver. 1.1</b> Release date 23 July 2024</p>	<p><b>Golden Image Name:</b></p> <ul style="list-style-type: none"> <li>mac36pro-secureboot-imx8mp-var-dart_73</li> </ul> <p><b>SHA-256 Image Checksum:</b></p> <ul style="list-style-type: none"> <li>6f9284895855dcf8a368d43f78a7c491c704c2b563b55f1d984fb7742db5cf54</li> </ul> <p><b>OS Version:</b></p> <ul style="list-style-type: none"> <li>73</li> </ul> <p><b>Niagara Versions supported by default:</b></p> <ul style="list-style-type: none"> <li>4.10.7.42;</li> </ul> <p><b>Improvements:</b></p> <ul style="list-style-type: none"> <li>Accelerated OS Update</li> <li>Increased User Space: Separation of OS partition from Niagara user partition.</li> <li>Enhanced system stability and reliability with dual-copy of OS partition</li> <li>Improved readability of partition names in Platform Administration</li> <li>New Fail safe mechanism for the OS update</li> </ul>

NAME	DESCRIPTION
<p><b>iSMA-B-SD-PRO Ver. 1.0</b> Release date 24 Feb 2024</p>	<p><b>Golden Image Name:</b></p> <ul style="list-style-type: none"> <li>mac36pro-secureboot-imx8mp-var-dart_63</li> </ul> <p><b>OS Version:</b></p> <ul style="list-style-type: none"> <li>63</li> </ul> <p><b>New Functionalities:</b></p> <ul style="list-style-type: none"> <li>First Release</li> </ul> <p><b>Niagara Versions supported by default:</b></p> <ul style="list-style-type: none"> <li>4.10.6.18;</li> </ul>