

Crestron® Drivers Software Development Kit



For more information on downloading, installing, and using the Crestron® Drivers Software Development Kit (SDK)¹, refer to the Crestron Drivers Developer Microsite at <https://developer.crestron.com>.²

The Crestron Drivers Software Development Kit (SDK-CD) provides a platform for developing drivers to operate consistently and easily across Crestron solutions. The SDK allows manufacturers to integrate devices with various Crestron hardware, including 3-Series® control systems³, [4-Series™ control systems](#), and [Crestron Virtual Control \(VC-4\) server-based control systems](#), using popular communication protocols like IR, Serial, Ethernet and HDMI® (CEC) communications.

The Crestron Drivers SDK provides developers with libraries and files to create drivers for use within the Crestron ecosystem, including [Crestron Home® OS](#), [.AV Framework™ software](#), and [SIMPL](#) or [SIMPL#Pro](#) programming. This ecosystem consists of Crestron control systems for commercial and residential applications. Drivers provide connectivity between the control system and a device. The SDK provides a complete development environment for integrating custom third-party devices into Crestron solutions.

Model

SDK-CD

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Note:

1. The Crestron Drivers Software Development Kit is licensed under Crestron's Software Development Tools License Agreement, available at www.crestron.com/Legal/software-license-agreement/Software-Development-Tools-License-Agreement.
2. A Crestron web account is required to access the Crestron® Drivers Software Development Kit Developer Microsite.
3. The MC3 control system is not supported by the Crestron Drivers SDK.

The specific patents that cover Crestron products are listed online at patents.crestron.com.

Certain Crestron products contain open source software. For specific information, please visit www.crestron.com/opensource.

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HDMI

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Rev 08/15/23

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SDK Framework Comparison Matrices

The following tables show software and firmware versions that are compatible with various Crestron® Drivers SDK framework versions.

Crestron Home® OS and Crestron® Drivers SDK

Crestron Home® OS Version	Crestron Drivers SDK Framework
Release 3.1 and earlier	2.x
Release 3.2	3.x
Release 3.3	4.x
Release 3.4	5.x
Release 3.5	7.x
Release 3.6	8.x
Release 3.7	9.x
Release 3.8	10.x
Release 3.9	11.x
Release 3.10	12.x
Release 3.11	12.x
Release 3.12	13.x
Release 3.13	14.x
Release 3.14	14.x
Release 3.15	15.x
Release 3.16	16.x
Release 3.17	17.x
Release 3.18	17.x
Release 3.19	18.x
Release 3.20	19.x
Release 3.21	20.x

.AV Framework™ Software and Crestron Drivers SDK

.AV Framework™ Software Version	Crestron Drivers SDK Framework
Release 6.10 and earlier	2.x
Release 6.11	6.x
Release 6.12	8.x
Release 6.13	8.x
Release 6.14	8.x
Release 6.15	11.x

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.AV Framework™ Software Version	Crestron Drivers SDK Framework
Release 6.16	11.x
Release 6.17	11.x
Release 6.18	11.x
Release 6.19	11.x
Release 6.20	11.x
Release 6.21	11.x
Release 6.22	16.x
Release 6.23	16.x
Release 6.24	16.x
Release 6.25	16.x
Release 6.26	18.x
Release 6.27	18.x
Release 6.28	19.x
Release 6.29	20.x

AirMedia® 3 Series and Crestron Drivers SDK

AirMedia® 3 Series Firmware Version	Crestron Drivers SDK Framework
Release 2.0400.0033	16.x
Release 2.0500.0011	16.x
Release 3.0000.0077	16.x

HD-PS Series and Crestron Drivers SDK

HD-PS Series Firmware Version	Crestron Drivers SDK Framework
Release 1.4.4790.00051	9.x
Release 1.4.4790.00055	18.x

Crestron XiO Cloud™ Gateway Software and Crestron Drivers SDK

Crestron XiO Cloud™ Gateway Software Version	Crestron Drivers SDK Framework
Release 2.4557.00147	6.x
Release 2.4557.00176	9.x
Release 2.7000.00063	16.x
Release 2.7000.00076	20.x

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Crestron Database and Crestron Drivers SDK

Crestron Database Version	Crestron Drivers SDK Framework
207.00.001.00	10.x
207.05.005.00	11.x
209.05.001.00	12.x
211.00.002.00	13.x
212.00.002.00	14.x
213.00.003.00	15.x
214.05.004.00	16.x
216.05.002.00	17.x
217.05.001.00	18.x
219.00.002.00	19.x
220.00.001.00	20.x