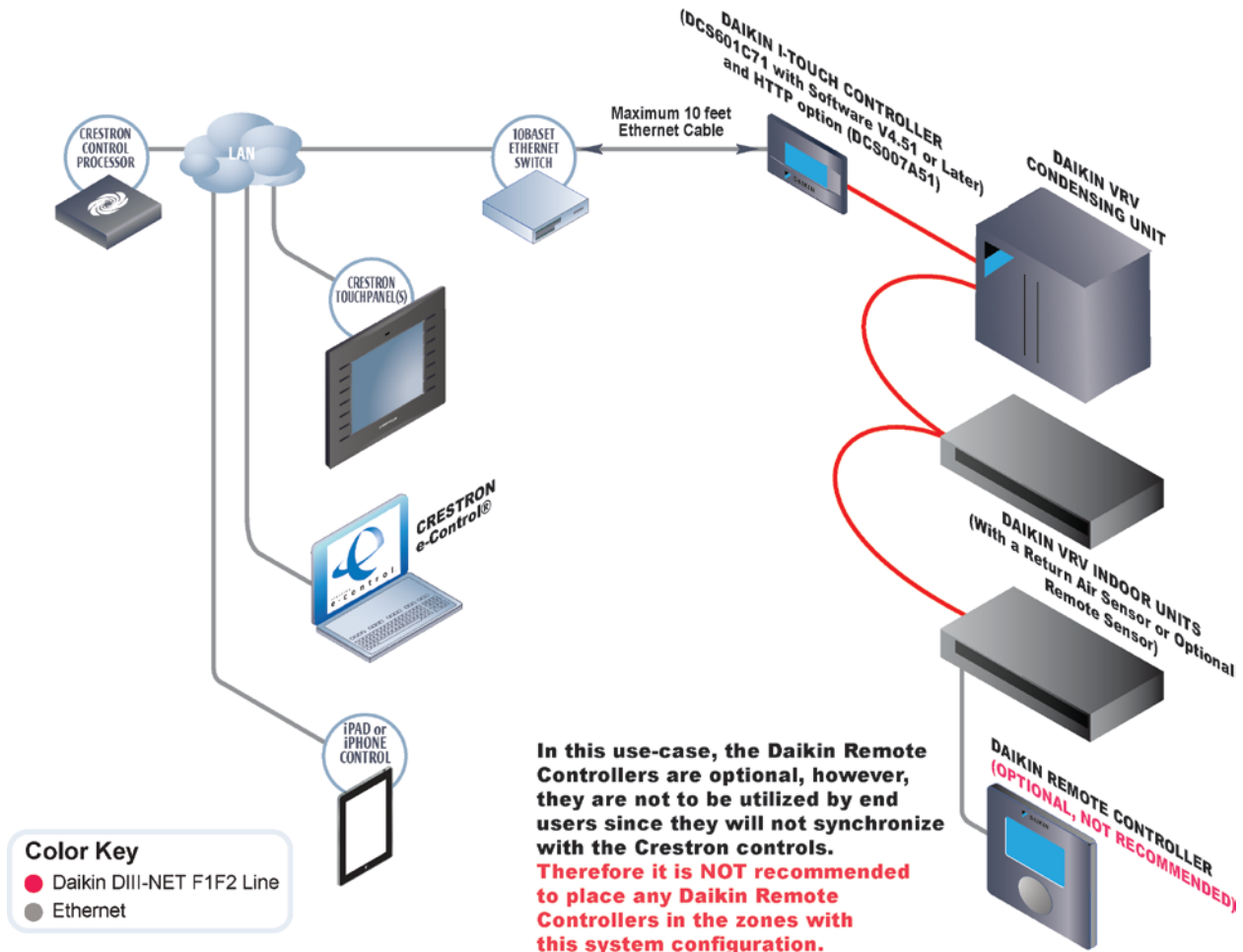


Partner: Daikin
Model: Intelligent Touch Controller
Device Type: Multi-zone HVAC

**GENERAL INFORMATION:**

SIMPLWINDOWS NAME:	"Daikin ITC IO v4.0.umc"
CATEGORY:	HVAC
VERSION:	V. 4.0
SUMMARY:	The "Daikin ITC IO v4.0.umc" macro provides communication between the Daikin TCP/IP interface and the Crestron system.
GENERAL NOTES:	<p>The "Daikin ITC IO v4.0.umc" macro provides communication between the Daikin TCP/IP interface and the Crestron system. The "Daikin ITC Unit v4.0.umc" macro has to be used in combination with the "Daikin ITC IO v4.0.umc" macro.</p> <p>The macro offers functionality to retrieve unit info and to poll the units.</p> <p>Daikin and Crestron recommend the following steps when installing and setting up your Daikin.</p> <ol style="list-style-type: none">1) You must use a 10Mbps Ethernet switch installed within 10 feet of the Daikin ITC.2) One of the following Daikin ITC models must be used: USA - DCS601C71 (Low Voltage) International - DCS601C51 (Line Voltage)3) For OS versions before 4.51.00, the Web Interface option must be purchased from Daikin. For OS version 4.51.00, the HTTP option must be purchased from Daikin to allow Crestron control. The Web Interface option needs to be purchased from Daikin. Only if the web UI is to be used for control or service. HTTP option: All - DCS007A51. Web Interface option: USA - DCS004A71. International - DCS004A51.4) The "Poll All" command should not be polled more often than once every 30 seconds. We advise to use 60 seconds or more.5) Daikin does not intend the ITC to be used as a UI when installed with Crestron control. If the ITC is to be used as a primary UI, please use the GLA-BMS available from Crestron and not the IP module.6) There should be a button included on the touch panel called Service. That button Should Be pressed after the Crestron program is reloaded or after the Daikin technician completes servicing the Daikin.
CRESTRON HARDWARE REQUIRED:	2-Series processor with an Ethernet card.
SETUP OF CRESTRON HARDWARE:	Connect the Crestron processor to the Ethernet interface of the Daikin ITC with a standard CAT5 cable.
VENDOR FIRMWARE:	V. 4.51.00 or higher
VENDOR SETUP:	Connect the Ethernet interface of the Daikin ITC to Crestron processor with a standard CAT5 cable.
CABLE DIAGRAM:	Standard CAT5 cable.

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**CONTROL:**

[Service]	D	Pulse to poll all units.
[Poll_All_Module_Info]	D	Pulse to retrieve general information about every Daikin unit in the system. This info contains the Short name, Long name, Type and Inner type.
[Poll_All_Units]	D	Pulse to poll all units.
Command	S	Serial signal that has to be connected with the serial output "Command" of every "Daikin ITC Unit v4.0" macro. It is preferred that a Serial Concatenation symbol is used as connector between the "Daikin ITC IO v4.0" macro and "Daikin ITC Unit v4.0" macros.
[Poll_Unit_x]	D	Pulse to poll the Daikin unit with id x. range x: 1-1-00 to 1-1-15, 1-2-00 to 1-2-15, 1-3-00 to 1-3-15, 1-4-00 to 1-4-15 2-1-00 to 2-1-15, 2-2-00 to 2-2-15, 2-3-00 to 2-3-15, 2-4-00 to 2-4-15

FEEDBACK:

[Unit_x]	S	Serial signal that has to be connected with the Feedback signal on the "Daikin ITC Unit v 4.0" macro with address x. range x: 1-1-00 to 1-1-15, 1-2-00 to 1-2-15, 1-3-00 to 1-3-15, 1-4-00 to 1-4-15 2-1-00 to 2-1-15, 2-2-00 to 2-2-15, 2-3-00 to 2-3-15, 2-4-00 to 2-4-15
System_Is_Busy	D	High to indicate that the module is communicating with the Daikin ITC

PARAMETERS:

IP_Address	S	String parameter that contains the IP address of the Daikin ITC IP interface
Port	Int	Integer indicating the port used by the Daikin ITC HTTP interface.

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**TESTING:**

OPS USED FOR TESTING:	V. 4.001.1012
SIMPL WINDOWS USED FOR TESTING:	V. 2.12.39
CRESTRON DB USED FOR TESTING:	V. 21.04.015.00
DEVICE DB USED FOR TESTING:	V. 27.05.003.00
SAMPLE PROGRAM:	"Daikin ITC v4.0 PRO2 Demo.smw"
REVISION HISTORY:	V. 4.0