Project Name:			
Location:		Approval:	
Engineer:		Date:	
Submitted to:		Construction:	
Submitted by:		Unit #:	
Reference:		Drawing #:	

MODEL COMPATIBILITY:

Compatible with VRV and VRV Life indoor unit models: CXTQ, FXAQ, FXDQ, FXEQ, FXFQ, FXHQ, FXLQ, FXMQ, FXNQ, FXSQ, FXTQ, FXUQ, FXZQ
Compatible with SkyAir indoor unit models: FAQ, FBQ, FTQ, FCQ, FHQ
Compatible with Single-Zone and Multi-Zone indoor unit models: CDXS, CTXS, FDXS, FTK_N, FTX_N, FTX_U, FTXG*, FTXR, FTXS, FVXS, FDMQ, FFQ

The following indoor units do not have the S21 connection and require an additional interface adaptor (ordered separately) to provide the S21 connector for the One+ communication:

Indoor Unit Models	Required Interface Adaptor
FTX09NMVJU, FTX12NMVJU, FTK09NMVJU, FTK12NMVJU	KRP067A41E
FTX15NMVJU, FTX18NMVJU, FTX24NMVJU, FTK18NMVJU, FTK24NMVJU	KRP980B2E

*The Sarara drying function of the *QUATERNITY* units is not supported with Daikin One+ Smart Thermostat, but the dehumidification function of the One+ can be used with the *QUATERNITY* indoor units

SPECIFICATIONS:

Model		DTST-ONE-ADA-A
Description		Daikin One+ Smart Thermostat for VRV, SkyAir, Single-Zone and Multi-Zone System
Maximum Connections		1 for S21 indoor units / 16 for P1P2 indoor units (cannot use together with another wireless remote controller or wired remote controller)
Max Wiring Length	Power Wire	5.5 ft (included)
	Thermostat Wire	125 ft (Field-supplied, 18AWG, 4-conductor non-shielded wire)
	S21 Communication Wire	5.5 ft (included)
	P1P2 Communication Wire	6 ft* for the wire between the Translation Adaptor and the indoor unit terminal block (Field-supplied, 18AWG, 2-core non-shielded stranded wire)
Power Supply	Thermostat	Obtained from the Translation Adaptor
	Translation Adaptor	110-240 VAC
Dimensions	Thermostat	6.8" x 3.4" x 0.8"
	Translation Adaptor	2.7” x 7.3” x 1.3”
Weight	Thermostat	10.5 oz
	Translation Adaptor	18.4 oz
Storage Temperature		32°F to 120°F
Operation Temperature	Thermostat	32°F to 120°F
	Translation Adaptor	-40°F to 150°F
Humidity		20 to 95%RH (non-condensing)
Thermostat Screen		640 pixels x 480 pixels x 24 bits RGB

PRODUCT IMAGE:

Thermostat:

Translation Adaptor (Included):

Project Name:

Location:	Approval:
Engineer:	Date:
Submitted to:	Construction:
Submitted by:	Unit #:
Reference:	Drawing #:

Compliance (Thermostat only)	Compliant to California Title 24 (OCST listed), FCC Certified (FCC Part 15 subpart B), UL Listed

* P1P2 wire has a maximum wiring length of 1640 feet

FEATURES:

- Stylish design
    - Capacitive multi-touch display
    - Easy rotational dial for precise setpoint adjustment
    - Light pipe indication for heating/cooling operation
    - Supported mounting methods: surface mounted and recess mounted
- Remote control and software update
    - Wifi-enabled smart thermostat with iOS and Android app control
    - Voice control by Amazon Alexa and Google Assistant
    - Over-the-air software updates
    - Outdoor environment report: outdoor temperature, outdoor humidity, and weather forecast
- Intelligent energy management
    - Energy and comfort functions: Schedule/Adjustment Hold/Away mode with geo-fencing
    - Programmable schedule with up to 6 scheduled events per day
- Versatile indoor comfort control
    - Indoor unit control: Mode (Auto/Heat/Cool/Off), Setpoint, Fan Speed (Heat/Cool), Louver position
    - Built-in temperature and humidity sensors
    - Dehumidification with overcooling function
    - Error Code and maintenance notification
- External device support
    - Built-in Bluetooth and Sub GHz communication
    - Two dry contacts for auxiliary devices
    - Auxiliary heater control: capable to control the auxiliary heater as primary heater/secondary heater/emergency heater
- Complete support
    - Multi-language support: English, Spanish, French
- Compliant to California Title 24 (OCST listed)

SYSTEM REQUIREMENT:

- Cannot be used with another wireless remote controller or wired remote controller
- When intelligent Touch Manager (iTM) is connected in the Daikin HVAC system, the iTM can only be used for monitoring and emergency stop for indoor units connected to the One+.
- When the Daikin HVAC system is connected to a building manage system (BMS) and the One+ is used, the BMS can only be used for monitoring and emergency stop for the indoor units connected to the One+.

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www.daikinac.com   www.daikincity.com

(Daikin's products are subject to continuous improvements. Daikin reserves the right to modify product design, specifications and information in this data sheet without notice and without incurring any obligations)

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Project Name:

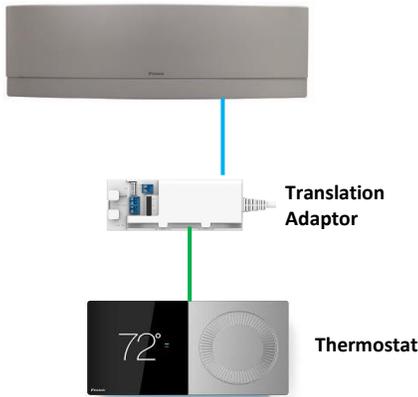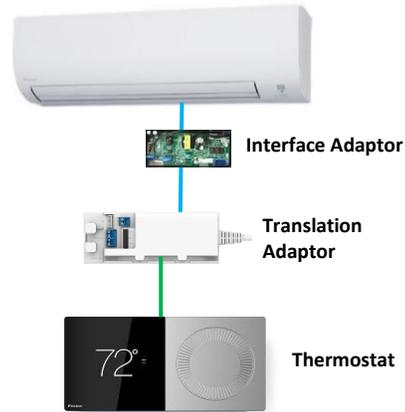|		
Location:		Approval:
Engineer:		Date:
Submitted to:		Construction:
Submitted by:		Unit #:
Reference:		Drawing #:

SYSTEM DIAGRAM:

- For S21 indoor units (CDXS, CTXS, FDXS, FTK_N, FTX_N, FTX_U, FTXG, FTXR, FTXS, FVXS):
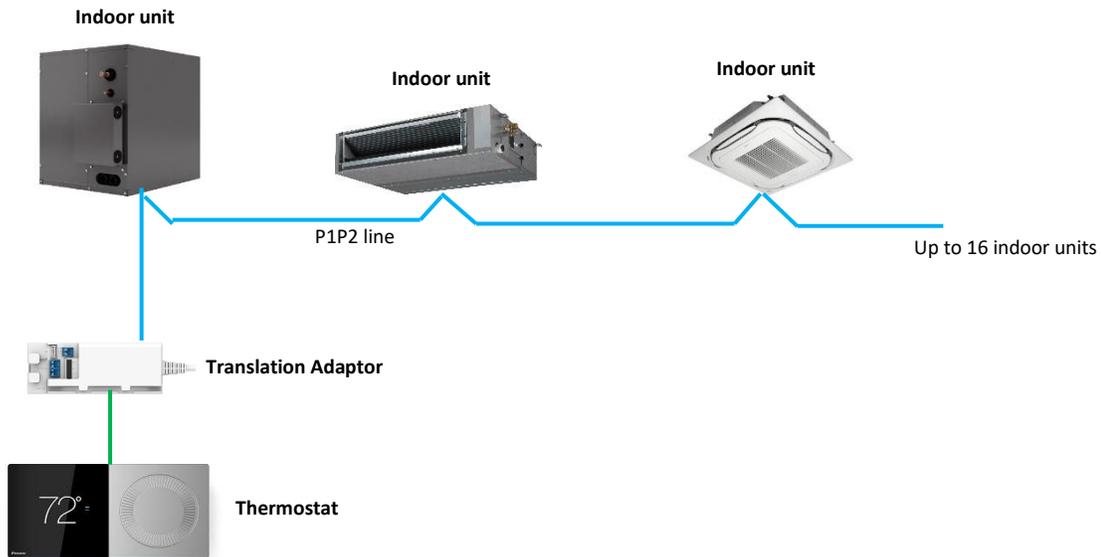 - Connect to indoor unit or Interface adaptor

Indoor units that have S21 Interface

Indoor units that do not have S21 Interface

Interface Adaptor

Translation Adaptor

Translation Adaptor

Thermostat

Thermostat

- For P1P2 indoor units (CXTQ, FAQ, FBQ, FDMQ, FTQ, FCQ, FHQ, FFQ, FXAQ, FXDQ, FXEQ, FXFQ, FXHQ, FXLQ, FXMQ, FXNQ, FXSQ, FXTQ, FXUQ, FXZQ)

Indoor unit

Indoor unit

Indoor unit

P1P2 line

Up to 16 indoor units

Translation Adaptor

Thermostat

Project Name:

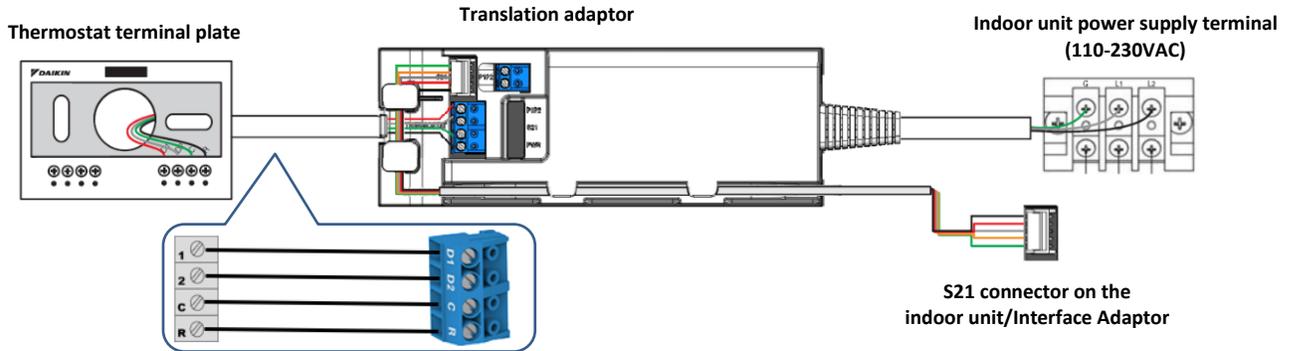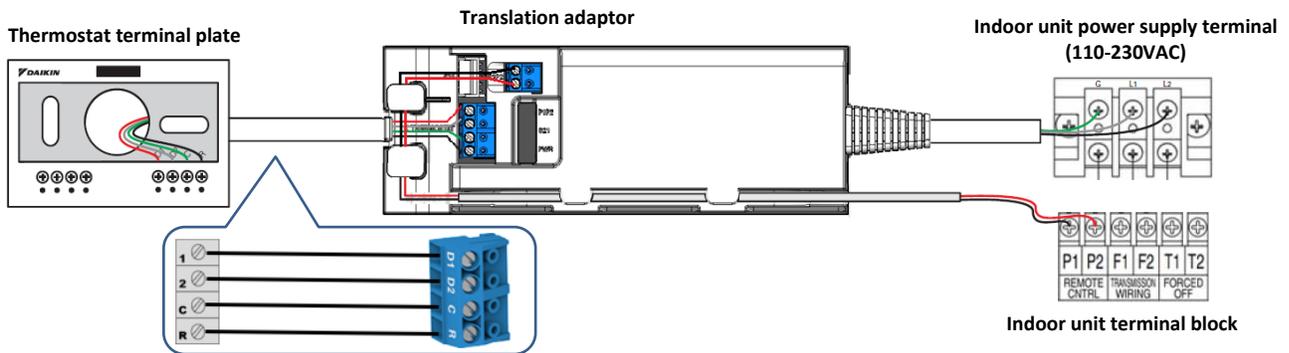|	
Location:	Approval:
Engineer:	Date:
Submitted to:	Construction:
Submitted by:	Unit #:
Reference:	Drawing #:

WIRING DIAGRAM:

- For S21 indoor units (CDXS, CTXS, FDXS, FTK_N, FTX_N, FTX_U, FTXG, FTXR, FTXS, FVXS):

Thermostat terminal plate

Translation adaptor

Indoor unit power supply terminal (110-230VAC)

S21 connector on the indoor unit/Interface Adaptor

- For P1P2 indoor units (CXTQ, FAQ, FBQ, FDMQ, FTQ, FCQ, FHQ, FFQ, FXAQ, FXDQ, FXEQ, FXFQ, FXHQ, FXLQ, FXMQ, FXNQ, FXSQ, FXTQ, FXUQ, FXZQ)
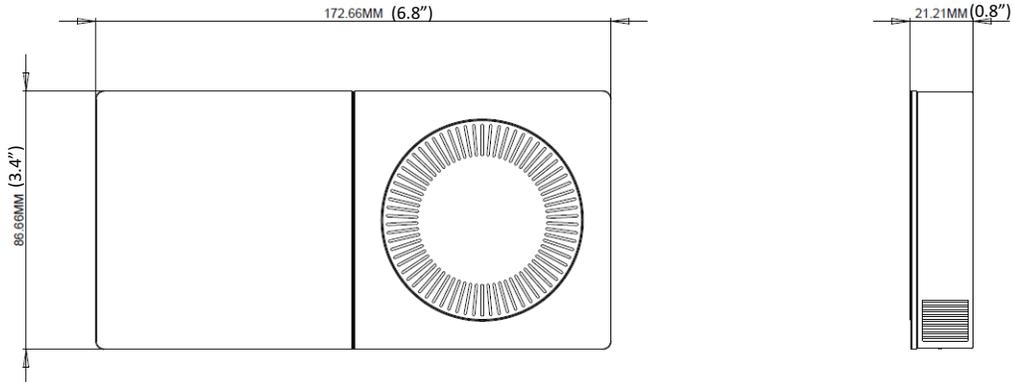

Thermostat terminal plate

Translation adaptor

Indoor unit power supply terminal (110-230VAC)

P1	P2	F1	F2	T1	T2
REMOTE CNTRL		TRANSMISSION WIRING		FORCED OFF	

Indoor unit terminal block

Project Name:

Location:		Approval:
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DIMENSIONS:

- Thermostat:

- Translation Adaptor:
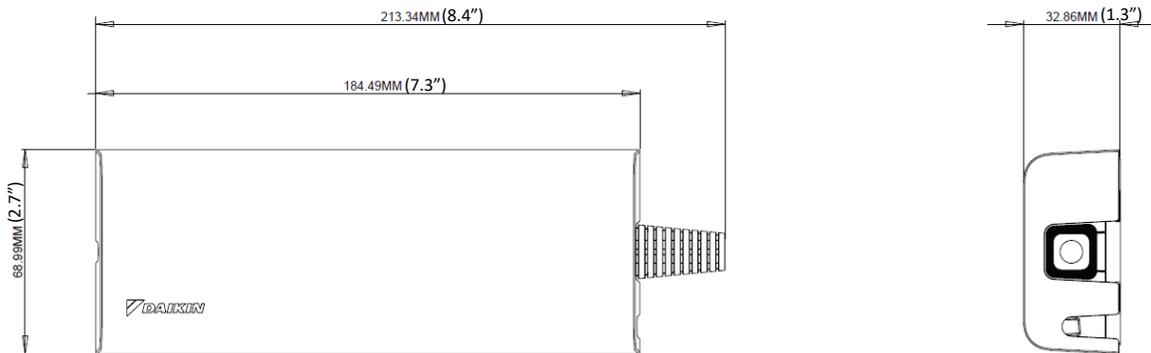
DOCUMENTATION:

Documentation available on www.daikincity.com and/or www.daikinone.com:
- Submittal
- Installation Manual
- Product Brochure