

Power:

Power supply (externally supplied)	24VAC, 60Hz ± 10%
Power consumption	5 W maximum (transformer should be over 20 VA)

Operating conditions:

Surrounding temperature	14° F to 104° F
Humidity (% Relative)	20% to 90% (non-condensing)
Dimensions (H x W x D)	7-15/32" x 6-3/16" x 1-21/32"
Enclosure	Stainless Steel

Maximum number of indoor units	128
Maximum number of groups	64
Maximum number of outdoor units	10

Communication functions:

DIII-NET x 1	AC equip. communication line
RS232C	Interface to I-Touch Controller

Input terminals:

F1-F2 x 1	DIII-Net connection to VRV outdoor units
Pulse input Pi x 3 (for PPD option)	1 pulse at 1 or 10 kWh and 40-400 ms
Certifications: Interference (EMC)	FCC Part 15 Subpart B Class A

Standard Features:

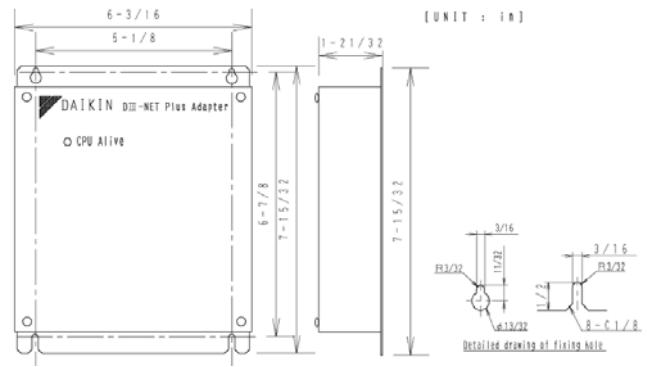
- Doubles the equipment capacity of the I-Touch Controller
- Adds three pulse inputs (Pi) for PPD applications
- Includes (1) 32-foot RS232C I-Touch connector cable
- One year warranty

Options:

- Digital Input (DEC101A51-US) for monitoring of external equipment operation and alarm status
- Digital Input / Output (DEC102A51-US) for controlling / monitoring of external equipment

Configuration and engineering for each project are necessary.

The Power Proportional Distribution (PPD) feature supplies the user with a reasonably calculated apportionment of the total power consumption by the Daikin air-conditioning system to individual units on the system. Because input to the PPD includes measured pulses in the refrigerant system and because the air-conditioning system includes a number of variables, including operating temperatures and pressures, piping length, heat exchange rates and others, no meter-type apportionment of individual users' consumption can be made. However, the PPD feature provides an apportionment methodology that uses highly advanced technology as applied to the many variables in an air-conditioning system.



SPECIFICATIONS OF COMMUNICATIONS CABLING (DIII-NET)	
TYPE	2-conductor, stranded, non-shielded copper cable / PVC or vinyl jacket
SIZE	AWG18-2
TOTAL LENGTH	Maximum wiring distance between units: 3,280 ft Maximum wiring length: 6,550 ft.

SPECIFICATIONS OF POWER METER CABLING (Power Proportional Distribution)	
TYPE	2-conductor, stranded, non-shielded copper cable / PVC or vinyl jacket
SIZE	AWG18-2 per input
TOTAL LENGTH	492 ft. per input