

# WAGO I/O

## Applications

- Mini-BMS solution of iTM
- Monitor and control ancillary equipment

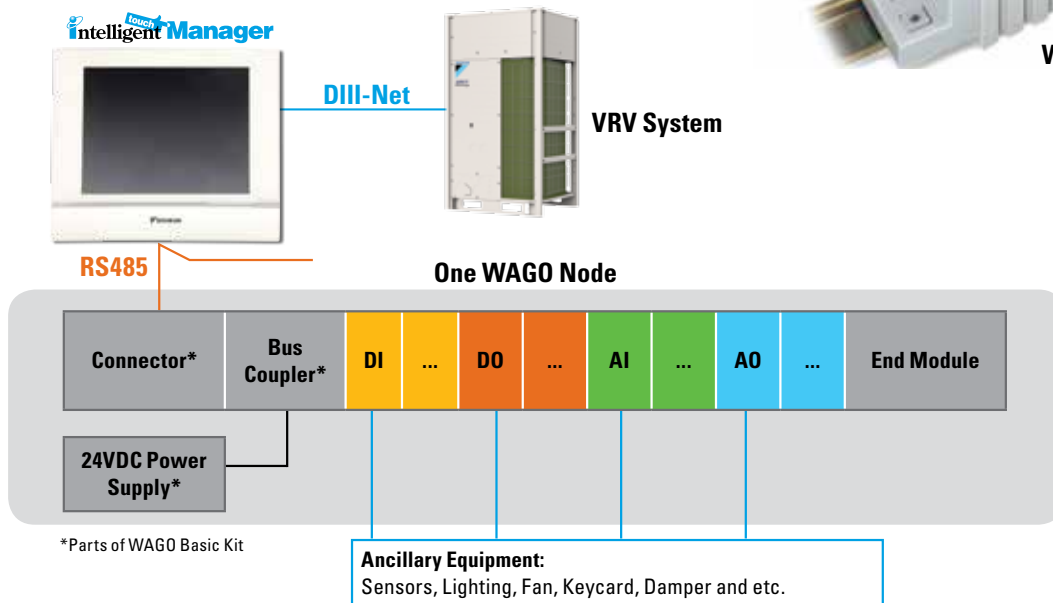


## Monitor and Control Ancillary Equipment via iTM

The WAGO I/O integrates ancillary equipment into the Intelligent Touch Manager (iTM) DCM601A71 with the use of DI, DO, AI and AO signals. It provides monitoring and control of non-Daikin equipment via manual control, interlock, scheduling and remote access using the iTM's touch screen or web access.



WAGO I/O



## Features

- Monitoring/Control of ancillary equipment:
  - Digital Input
  - Digital Output
  - Analog Input
  - Analog Output
- Interlock Function
  - Creates interlocks among sensors (CO<sub>2</sub>, humidity, temperature), ancillary equipment, and/or indoor units at the iTM.
  - High/Low limit alarms configurable for CO<sub>2</sub>, humidity, and temperature.
- Schedule Function
  - Up to 20 schedule events per day can be set for the ancillary equipment at the iTM
- Web Access
  - All the ancillary equipment can be monitored and controlled through web access function of the iTM.

## Specifications

MODULE		PART NUMBER	DESCRIPTION
Basic Kit		51291052	Bus Coupler, Connector, 24 VDC Power Supply, and End Module
Input	2 Channel DI	750-400	2 Channel, DC 24V, 3.0ms, high-side switching
	4 Channel DI	750-432	4 Channel, DC 24V, 3.0ms, low-side switching, w/(+) terminal
	2 Channel AI	750-454	2 Channel, 4-20 mA, Differential Inputs
		750-479	2 Channel, DC $\pm$ 10 V, Differential Measurement Input
		750-461/020-000	2 Channel, NTC 20 KOhm Resistance
	4 Channel AI	750-464/020-000	4 Channel, NTC
Output	2 Channel DO	750-513/000-001	2 Channel, AC 230V, DC 30V, AC/DC 2A, isolated outputs
	2 Channel AO	750-554	2 Channel, 4-20 mA
		750-560	2 Channel, 0 V ... 10 V, 10 bits, 10 mA
		750-550	2 Channel, 0 -10 VDC
Passive Power Supply		750-602	24 VDC Passive, Required for use after every 32 contact points connected in Node
Wiring		Field Supplied	2 conductor 24-18 AWG stranded, Up to 1640 ft.

## System Capacity

- Management points limitation
  - Up to 512 total contact points
    - Up to 30 nodes can be connected
    - Up to 120 contact points per node
- The iTM can manage a total of 650 points which includes Daikin indoor unit groups and WAGO contact points
- Up to 1640 ft. wiring length to the furthest WAGO node from the iTM

Find out more about WAGO I/O. Visit [DaikinCity](http://DaikinCity) or [www.daikinac.com](http://www.daikinac.com)



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