

Job Name:	Package:	DACA- <input type="checkbox"/> IMP-128 <input type="checkbox"/> IMP-256 <input type="checkbox"/> IMP-512 <input type="checkbox"/> IMP-768
Purchaser:	DACA- <input type="checkbox"/> IMP-1024	
Engineer:	Options:	<input type="checkbox"/> Web Access / Email <input type="checkbox"/> PPD Power Proportional Distribution
Submitted To:	<input type="checkbox"/> Sub-PC <input type="checkbox"/> Desktop Printer	
Submitted By:	For:	<input type="checkbox"/> Reference <input type="checkbox"/> Approval <input type="checkbox"/> Construction
Unit Designation:	Schedule #	Date:
Location:	Model No.:	

**FEATURES / BENEFITS**

- Daikin multi-zone control through a PC interface, scalable for large projects up to 160 systems encompassing up to 1024 indoor unit groups.
- Centralized management of system scheduling, temperature setpoints, mode, fan speed, unoccupied space temperature limits, remote controller restrictions and mode changeover simplify operation and administration.
- Visual Navigation interface derived from actual project plans and CAD resources provide system operators with a familiar control environment.
- Web / Email option for remote system access through an Intranet or Internet connected browser interface. Email functionality for remote notification of system alarms to facility administrator and engineering staff.
- Power Proportional Distribution (PPD) option enables proportioning of system power consumption to individual indoor units in a multi-tenant application.
- Combine with Daikin Dio adapters for interlocking of third party devices.



**Intelligent Manager Package and IPU Configuration**

DACA-IMP-128	1 x Enclosure mounted IPU Model DAM602A72
DACA-IMP-256	1 x Enclosure mounted IPU Model DAM602A71
DACA-IMP-512	2 x Enclosure mounted IPU Model DAM602A71
DACA-IMP-768	3 x Enclosure mounted IPU Model DAM602A71
DACA-IMP-1024	4 x Enclosure mounted IPU Model DAM602A71

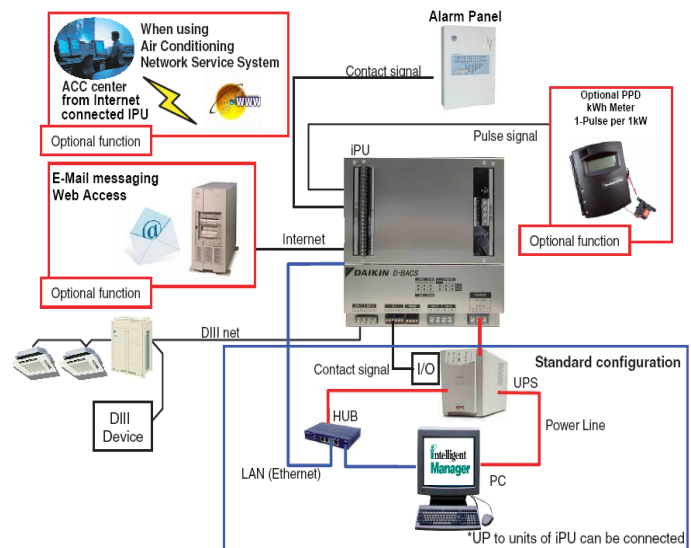
**Product Specifications (All equipment furnished by Daikin)**

Desktop computer	Dell Optiplex 755 or equivalent, Windows XP Professional, 1GB memory, 80GB HDD
Display monitor	Dell 170817-Inch LCD flat panel display or equiv
Optional printer	Dell monochrome laser 1110 or equivalent
UPS hardware	APC – SUA750, 120VAC 750 VA, USB
UPS I/O hardware	APC9610 relay I/O module
UPS software	APC PowerChute Business Edition
Productivity applications	Microsoft Office Standard 2007 Symantec pcAnywhere (Host and remote) Symantec Norton Ghost (Backup and imaging)
Ethernet Hub	Linksys 5-port gigabit switch SD2005 or equiv
IPU Enclosure (1 per IPU)	24" x 16" x 6" NEMA1 with perforated panel
Transformer (1 per IPU)	208-230-120VAC / 24VAC 40VA
Time delay relay (delay on make)	Macromatic TD-70228 digital or equivalent

**IPU Connections**

DIII-1 ~ DIII-4	To F1-F2 points on Daikin air conditioners and adapters
Di1 (Primary IPU)	Digital input point for UPS signaling on power loss
Di inputs (Primary IPU)	19 pulse input points for kWh meter integration (PPD)
Di inputs (Sub IPU's)	20 pulse input points for kWh meter integration (PPD)
RS232C / RS485	Serial ports not used
Do-1 ~ Do-2	Digital output points
Power	IPU power supply 24VAC 50/60Hz
10/100 Base-T	RJ-45 Ethernet connection for IPU communications

**IPU Connectivity Overview**



**Application Notes**

1. Intelligent Manager is an applied control solution engineered, assembled and commissioned by Daikin AC.
2. Web access / Email option requires a publicly accessible static IP address and access to a SMTP, non-SSL, non-SMTP Auth mail server.
3. Contact Daikin AC for PPD requirements and product specifications.
4. On power fail the UPS preserves PPD data by initiating storage of power consumption data from IPU volatile memory to the computers hard disk.
5. Intelligent Manager III supports Daikin's remote monitoring technology.