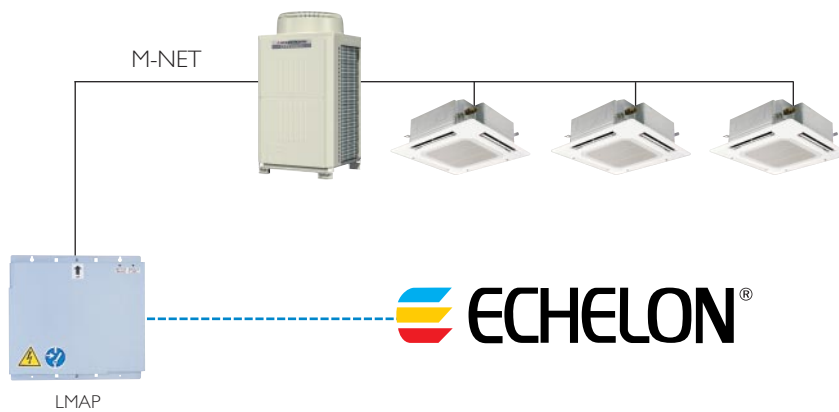


BEMS LonWorks® Interface

LMAP

The Mitsubishi Electric LMAP continues to strengthen the ability of our products to interface with other third party building control systems using the globally recognised and accepted open network protocol Echelon LonWorks®. LonWorks® was introduced into the building services industry a number of years ago with the aim of establishing itself as the defacto communications standard. Many hundreds of products now exist that utilise the LonWorks® protocol from complete systems like BEMS, lighting, power monitoring and security down to simple sensors and relay switches.

To ensure that our products can connect directly and easily with other LonWorks® products, the L-MAP02 was designed utilising Echelon MIPS technology and was the first to provide data in the LonWorks® SNVT (Standard Network Variable Type) format.



Technical Information

LMAP LonWorks® INTERFACE

FUNCTION	LMAP	COMPATIBLE WITH
MAX No. OF INDOOR UNITS	50 (AG150/GB50 optional)	Honeywell
POWER SUPPLY	240VAC 0.5A	Johnson Controls
COMPATIBILITY	City Multi Mr Slim via PAC-SF81MA M Series via MAC-3991F	Realtime Control Systems (LTX51/LTX21 via VCI)
DIMENSIONS - mm (WxDxH)	340x60x360	Smart Controls

LMAP LonWorks® INTERFACE

FUNCTION	NETWORK VARIABLE	NOTES
Control		
	On/Off	Run/Stop
	Mode Operation	Cool / Dry / Heat / Auto / Fan
	Setpoint Adjustment	Cooling 19-30°C, Heating 17-28°C, Auto 19-28°C
	Fan Speed Control	Lo-Mi1-Mi2-Hi
	Permit / Prohibit	On/Off, Mode, Setpoint (only available when using PAC-YT51CRA or PAR-21MAA)
	Filter Sign	Normal/Reset
Monitor		
	On/Off	Run/Stop
	Mode Operation	Cool / Dry / Heat / Auto / Fan
	Setpoint Adjustment	Cooling 19-30°C, Heating 17-28°C, Auto 19-28°C
	Fan Speed Control	Lo-Mi1-Mi2-Hi
	Permit / Prohibit	On/Off, Mode, Setpoint (only available when using PAC-YT51CRA or PAR-21MAA)
	Fault Code	4 Character code - Indicates all unit alarms
	Filter Sign	-
	Room Temperature	-