Product Information



MELCOMMS MINI Solution Interface Making a World of Difference



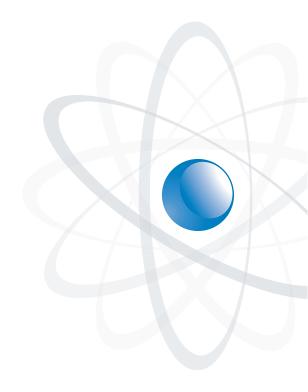
The **MELCOMMS MINI** allows duty rotation control within Comms / Server rooms for up to 8 M Series or Mr Slim indoor units, using MELCOBEMS MINI interfaces.

Key Features

- Monitor and control up to 8 indoor units
- Includes 2 x MELCOBEMS MINI interfaces



Cooling | Heating | Ventilation | Controls



Controls

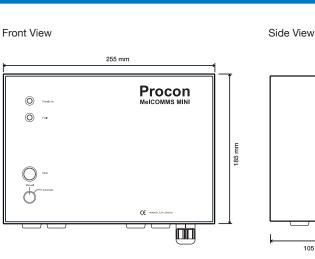
Description Run Standby Panel Connect to MELCOBEMS MINI Max Number of Units 8 Compatibility M Series and Mr Slim Power Supply 220-240, 50Hz Dimensions (mm) (WxDxH) 253 x 90 x 180 SMS/GPRS Capabilities × Ethernet Capabilities × SIM Card Provided × Inputs × Outputs 1 Digital (Fault) Control On/Off ✓ Mode ✓ Setpoint ✓ Fan Speed × Monitor On/Off ✓ Mode ✓ Setpoint ✓ Fan Speed × × Monitor On/Off ✓ Mode ✓ ✓ Setpoint ✓ ✓ Fan Speed × ✓ Air Direction × ✓ Fan Speed × ✓ Air Direction × ✓ Fault Codes </th <th colspan="2">SOLUTION INTERFACE</th> <th>MELCOMMS MINI</th>	SOLUTION INTERFACE		MELCOMMS MINI
Max Number of Units 8 Compatibility M Series and Mr Slim Power Supply 220-240v, 50Hz Dimensions (mm) (WxDxH) 253 x 90 x 180 SMS/GPRS Capabilities x Ethernet Capabilities x SIM Card Provided x Inputs x Outputs 1 Digital (Fault) Control On/Off ✓ ✓ Fan Speed x Air Direction x Permit/Prohibit x Fan Speed × Air Direction × Monitor On/Off ✓ ✓ Fan Speed × Air Direction × Permit/Prohibit × Fan Speed × Air Direction × Fault Codes ✓ Room Temperature ✓ Weekly Schedule × Annual Schedule × Night Setback × Web Pages ×	Description		Run Standby Panel
Compatibility M Series and Mr Slim Power Supply 220-240v, 50Hz Dimensions (mm) (WxDxH) 253 x 90 x 180 SMS/GPRS Capabilities x Ethernet Capabilities x SIM Card Provided x Inputs x Outputs 1 Digital (Fault) Control On/Off ✓ ✓ Mode ✓ Setpoint ✓ Fan Speed x Monitor On/Off ✓ ✓ Fan Speed x Monitor On/Off ✓ ✓ Fan Speed × Monitor ✓ Mode ✓ Fan Speed × Monitor On/Off ✓ ✓ Fan Speed × Air Direction × Permit/Prohibit × Fault Codes ✓ Room Temperature ✓ Weekly Schedule × Night Se	· · ·		MELCOBEMS MINI
Power Supply 220-240v, 50Hz Dimensions (mm) (WxDxH) 253 x 90 x 180 SMS/GPRS Capabilities x Ethernet Capabilities x SIM Card Provided x Inputs 1 Digital (Fault) Control On/Off · · Mode · · Setpoint · · Fan Speed x Air Direction x Permit/Prohibit x Filter Sign x Monitor On/Off · · Mode · · Setpoint · · Fan Speed x Air Direction x Permit/Prohibit x Fan Speed x Air Direction x Permit/Prohibit · · Fan Speed x Air Direction x Permit/Prohibit · · Fault Codes · · Room Temperature · Weekly Schedule x Annual Schedule x Web Pages x Optimised Start x	Max Number of Units		8
Dimensions (mm) (WxDxH) 253 x 90 x 180 SMS/GPRS Capabilities × Ethernet Capabilities × SIM Card Provided × Inputs × Outputs 1 Digital (Fault) Control On/Off ✓ ✓ Setpoint ✓ Fan Speed × Moitor Or/Off ✓ ✓ Fan Speed × Monitor Or/Off ✓ ✓ Fan Speed × Air Direction × Permit/Prohibit × Fan Speed × Air Direction × Mode ✓ Setpoint ✓ Fan Speed × Air Direction × Permit/Prohibit × Fan Speed × Air Direction × Permit/Prohibit × Fault Codes ✓ Room Temperature ✓ Weekly Schedule × Annual Schedule × Night Setback × Web Pages × Optimised Start ×	Compatibility		M Series and Mr Slim
SMS/GPRS Capabilities × Ethernet Capabilities × SIM Card Provided × Inputs × Outputs 1 Digital (Fault) Control On/Off Mode ✓ Setpoint ✓ Fan Speed × Air Direction × Permit/Prohibit × Filter Sign ✓ Mode ✓ Setpoint ✓ Filter Sign × Monitor On/Off Mode ✓ Setpoint ✓ Fan Speed × Air Direction × Permit/Prohibit × Fault Codes ✓ Room Temperature ✓ Weekly Schedule × Annual Schedule × Night Setback × Web Pages × Optimised Start ×			220-240v, 50Hz
Ethernet Capabilities x SIM Card Provided x Inputs x Outputs 1 Digital (Fault) Control On/Off Mode - Setpoint - Fan Speed x Air Direction x Permit/Prohibit x Monitor On/Off Mode - Setpoint - Filter Sign x Monitor On/Off Mode - Setpoint - Fan Speed x Mode - Setpoint - Fan Speed x Air Direction x Permit/Prohibit x Fault Codes - Room Temperature - Weekly Schedule x Annual Schedule x Night Setback x Web Pages x Optimised Start x	Dimensions (mm) (WxDxH)		253 x 90 x 180
SIM Card Provided x Inputs x Outputs 1 Digital (Fault) Control On/Off ✓ Mode ✓ Setpoint ✓ Fan Speed x Air Direction x Permit/Prohibit × Monitor On/Off Mode ✓ Setpoint ✓ Filter Sign × Monitor On/Off Yearbit ✓ Fan Speed × Air Direction × Mode ✓ Setpoint ✓ Fan Speed × Air Direction × Fan Speed × Air Direction × Fault Codes ✓ Room Temperature ✓ Weekly Schedule × Annual Schedule × Night Setback × Web Pages × Optimised Start ×	SMS/GPRS Capabilities		х
Inputs x Outputs 1 Digital (Fault) Outputs 1 Digital (Fault) Control On/Off	Ethernet Capabilities		х
Outputs 1 Digital (Fault) Control On/Off ✓ Mode ✓ Setpoint ✓ Fan Speed × Air Direction × Permit/Prohibit × Filter Sign ✓ Mode ✓ Monitor On/Off Mode ✓ Mode ✓ Faller Sign × Mode ✓ Setpoint ✓ Fan Speed × Air Direction × Permit/Prohibit × Fan Speed × Air Direction × Permit/Prohibit × Fault Codes ✓ Room Temperature ✓ Weekly Schedule × Night Setback × Web Pages × Optimised Start ×	SIM Card Provided		x
Control On/Off Mode ✓ Setpoint ✓ Fan Speed × Air Direction × Permit/Prohibit × Filter Sign × Mode ✓ Setpoint ✓ Monitor On/Off Mode ✓ Setpoint ✓ Fan Speed × Air Direction × Permit/Prohibit × Faller Sign × Permit/Prohibit × Filter Sign × Fault Codes ✓ Room Temperature ✓ Weekly Schedule × Annual Schedule × Night Setback × Web Pages × Optimised Start ×	Inputs		x
Mode ✓ Setpoint ✓ Fan Speed × Air Direction × Permit/Prohibit × Monitor On/Off ✓ Mode ✓ ✓ Setpoint ✓ ✓ Mode ✓ ✓ Setpoint ✓ ✓ Fan Speed × ✓ Air Direction × ✓ Fault Codes ✓ ✓ Room Temperature ✓ ✓ Weekly Schedule × × Night Setback × × Web Pages × × Optimised Start × ×	Outputs		1 Digital (Fault)
Setpoint✓Fan SpeedXAir DirectionXPermit/ProhibitXFilter SignXMonitorOr/OffMode✓Setpoint✓Fan SpeedXAir DirectionXPermit/ProhibitXFilter SignXFall Codes✓Room Temperature✓Weekly ScheduleXNight SetbackXWeb PagesXOptimised StartX	Control	On/Off	✓
Fan Speed x Air Direction x Permit/Prohibit x Filter Sign x Monitor On/Off Mode ✓ Setpoint ✓ Fan Speed x Air Direction × Permit/Prohibit × Fan Speed x Air Direction × Permit/Prohibit × Fallt Codes ✓ Room Temperature ✓ Weekly Schedule × Annual Schedule × Night Setback x Web Pages × Optimised Start ×		Mode	\checkmark
Air Direction x Permit/Prohibit x Filter Sign x Monitor On/Off ✓ Mode ✓ Setpoint ✓ Fan Speed x Air Direction x Permit/Prohibit x Faller Sign × Fault Codes ✓ Room Temperature ✓ Multa Schedule x Annual Schedule x Web Pages x Optimised Start x		Setpoint	\checkmark
Permit/Prohibit x Filter Sign x Monitor On/Off ✓ Mode ✓ Setpoint ✓ Fan Speed x Air Direction x Permit/Prohibit x Filter Sign × Fault Codes ✓ Room Temperature ✓ Weekly Schedule x Night Setback x Web Pages × Optimised Start x		Fan Speed	x
Filter Sign x Monitor On/Off ✓ Mode ✓ Setpoint ✓ Fan Speed × Air Direction × Permit/Prohibit × Filter Sign × Fault Codes ✓ Room Temperature ✓ Weekly Schedule × Night Schedule × Night Schedule × Optimised Start ×		Air Direction	x
Monitor On/Off ✓ Mode ✓ Setpoint ✓ Fan Speed × Air Direction × Permit/Prohibit × Fault Codes ✓ Room Temperature ✓ Weekly Schedule × Annual Schedule × Night Setback × Optimised Start ×		Permit/Prohibit	x
Mode V Mode V Setpoint V Fan Speed V Fan Speed V Fan Speed V Fan Speed V Fault Codes Filter Sign Fault Codes Fault Codes Nom Temperature V Weekly Schedule V Annual Schedule V Web Pages V Optimised Start V V		Filter Sign	
Setpoint Fan Speed Air Direction Permit/Prohibit Filter Sign Fault Codes Room Temperature Weekly Schedule Annual Schedule X Web Pages Qptimised Start X	Monitor	On/Off	\checkmark
Fan SpeedxAir DirectionxPermit/ProhibitxFilter SignxFault Codes✓Weekly SchedulexAnnual SchedulexNight SetbackxWeb PagesxOptimised Startx		Mode	\checkmark
Air DirectionxPermit/ProhibitxFilter SignxFault Codes✓Room Temperature✓Weekly SchedulexAnnual SchedulexNight SetbackxWeb PagesxOptimised Startx		Setpoint	\checkmark
Permit/Prohibit x Filter Sign x Fault Codes ✓ Room Temperature ✓ Weekly Schedule x Annual Schedule x Night Setback x Web Pages x Optimised Start x		Fan Speed	x
Filter Sign x Fault Codes ✓ Room Temperature ✓ Weekly Schedule x Annual Schedule x Night Setback x Web Pages x Optimised Start x		Air Direction	x
Fault Codes ✓ Room Temperature ✓ Weekly Schedule × Annual Schedule × Night Setback × Web Pages × Optimised Start ×		Permit/Prohibit	x
Room Temperature ✓ Weekly Schedule x Annual Schedule x Night Setback x Web Pages x Optimised Start x		Filter Sign	x
Weekly Schedule x Annual Schedule x Night Setback x Web Pages x Optimised Start x		Fault Codes	\checkmark
Annual Schedule x Night Setback x Web Pages x Optimised Start x		Room Temperature	\checkmark
Night Setback x Web Pages x Optimised Start x	Weekly Schedule		x
Web Pages x Optimised Start x	Annual Schedule		x
Optimised Start x	Night Setback		x
- P	Web Pages		х
Automatic Setpoint Adjustment x	Optimised Start		x
	Automatic Setpoint Adjustment		x
Load Shedding x			x
Occupied / Unoccupied Settings reset x			х
Simple Energy Monitoring x	Simple Energy Monitoring		х

Product Information

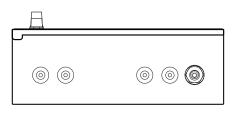
MELCOMMS MINI Solution Interface

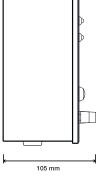
DIMENSIONS

Making a World of Difference



Upper View





Notes: \checkmark = Yes, x = No, - = Not applicable.

SYSTEM DIAGRAM





Telephone: 01707 282880 email: air.conditioning@meuk.mee.com web: airconditioning.mitsubishielectric.co.uk

UNITED KINGDOM Mitsubishi Electric Europe Living Environment Systems Division Travellers Lane, Hatfield, Hertfordshire, AL10 8XB, England General Enquiries Telephone: 01707 282880 Fax: 01707 278881 IRELAND Mitsubishi Electric Europe Westgate Business Park, Ballymount, Dublin 24, Ireland Telephone: Dublin (01) 419 8800 Fax: Dublin (01) 419 8890 International code: (003531)

Country of origin: United Kingdom – Japan – Thaland – Malaysia. (Mittabilith Electric Europe 2017: Mittabilith Electric are trademarks of Mittabilith Electric Europe B.V. The company reserves the right to make any variation in technical specification to the equipment dearboal, or to withdraw or register explore instruction or patic announcement. Misubish Electric is constantly developing and improving its products. All descriptions, illustrations, instruction or patic announcement. Misubish Electric is constantly developing and improving its products. All descriptions, illustrations, Third-party product and brand names may be trademarks or registered trademarks of their respective owners.

Note: The fuse rating is for guidance only. Please refer to the relevant databook for detailed specification. It is the responsibility of a qualified electrician/electricial engineer to select the correct cable size and fuse rating based on current regulation and site specific conditions. Mitsubishi Electric's air conditioning equipment and heat pump systems contain a fuorinated greenhouse gas, R4104 (GMP-2088), R32 (GMP-873), R4070 (GMP-874) or R134a (GMP-1430). These GMP values are based on Regulation (CMP-874), No 517/2014 from PCC4 the dation. In case of Regulation (EU) No.6262011 from PCC3 and edition. R4104 (GMP-874), R4104, R576, R42 (GMP-874), R4104 (GM





mitsubishielectric2

Green

ww.greengateway.mitsubishielectric.co.uk

Mitsubishi Electric UK's commitment to the environment

> Follow us @meuk_les Follow us @green_gateway

Mitsubishi Electric , Living Environmental Systems UK

thehub.mitsubishielectric.co.uk

Y

in.

You

Gatewav