DAIKIN

Reiri Controller

Wired Centralised Controller

Reiri allows users to monitor and control the air conditioning system with a smartphone or tablet from anywhere. This smart control system ensures optimal comfort for occupants, increased operational efficiency and allows for the optimisation of energy consumption.

Ideal for commercial applications such as offices, retail, hospitality, and education facilities.
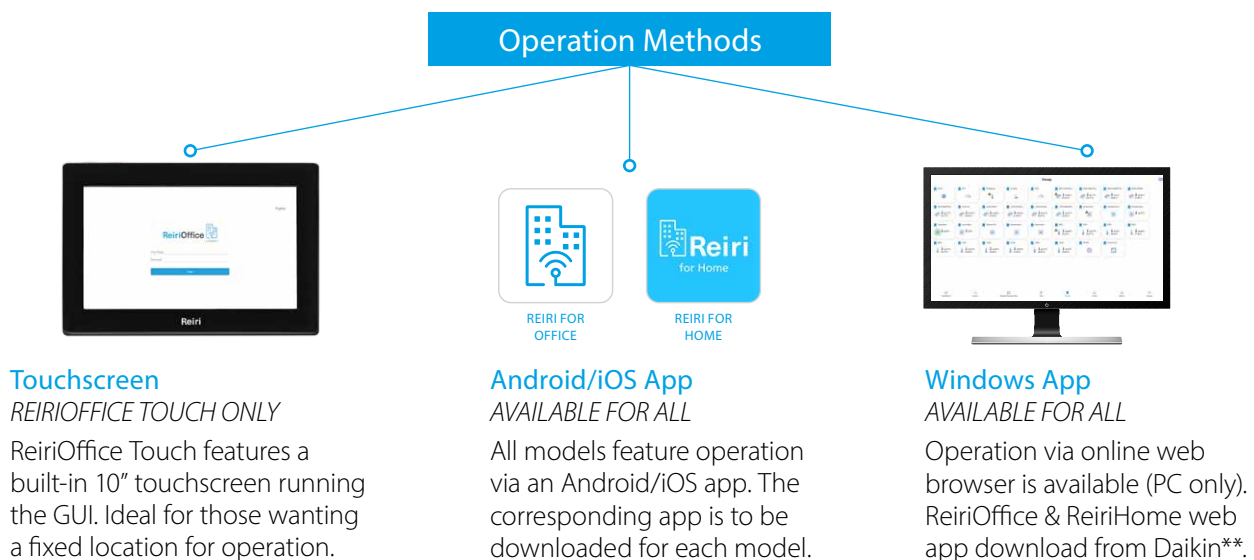
Features

› ReiriOffice Extension – DCPF05 enables up to 8 local systems to be integrated

› ReiriOffice Multisite – DCPF10 allows up to 10 sites to be managed

› Compatible with WAGO (for fans, lights etc.) & SE iEM3100/3200 Modbus Smart Meters*

› Optional Reiri IAQ sensor (PM2.5, CO_2, TVOC, temp. & humidity)

› Operation is also available via online web browser

› Functions include AC control/monitoring, scheduling and interlocking

› Features include data analytics, REM, PPD and push/email alerts

› Compatible with VRV, SkyAir & RA

› Reiri app is available on Android (≥5.1) & iOS (≥12.0) devices

› Google Assistant & Amazon Alexa enabled for 'Reiri for Home' app only

*A9MEM3150, A9MEM3155, A9MEM3250 & A9MEM3255 Smart Meters available from Daikin

Operation Methods

Three operation methods are available depending on the Reiri model. All methods utilise the same graphical user interface (GUI) for a consistent & intuitive user experience. Both Android/iOS App & Web App also feature remote operation via the cloud.

Operation Methods

REIRI FOR OFFICE　**REIRI FOR HOME**

Touchscreen
REIRIOFFICE TOUCH ONLY

ReiriOffice Touch features a built-in 10" touchscreen running the GUI. Ideal for those wanting a fixed location for operation.

Android/iOS App
AVAILABLE FOR ALL

All models feature operation via an Android/iOS app. The corresponding app is to be downloaded for each model.

Windows App
AVAILABLE FOR ALL

Operation via online web browser is available (PC only). ReiriOffice & ReiriHome web app download from Daikin**.

**Download from Daikin Partner Portal or contact your account manager

Specifications

Mode		ReiriOffice Touch	ReiriOffice	ReiriHome	ReiriHome Lite
Model No.		DCPF04-AU	DCPF01	DCPH01	DCPH02
Colour		Black	White		
Size (HxWxD, mm)		182 x 272 x 36	34 x 192 x 88		42 x 114 x 59
Weight (g)		1,110	280		115
LCD Display		10" Colour Touchscreen	–		
Power Supply		5V DC			
Installation		Wall Mounted	Free Standing		
Maximum Connections	Unitary (DIII-NET)	4 x (10 ODU / 64 IDU)		10 ODU / 64 IDU	5 ODU / 30 IDU
	Mobile Controller	50		30	
	WAGO	Enabled		–	
	SE Modbus Smart Meter	30		10	–
	Reiri IAQ Sensor	30		20	–
	Management Points	500		100	30
Connectivity		2 x Modbus RS485 2 x USB 1 x LAN Wi-Fi Enabled		1 x Modbus RS485 2 x USB 1 x LAN Wi-Fi Enabled	
Supporting User App		Reiri for Office Android (≥5.1), iOS (≥12.0) & Windows PC		Reiri for Home Android (≥5.1), iOS (≥12.0) & Windows PC	
Supporting Setup App		Daikin Reiri Setup Tool Android (≥5.1), iOS (≥12.0) & Windows PC			
Security		LAN Communication: AES-128-CBC with RSA 2048 Internet Communication: TLS 1.2 Account Information Storage: SHA256 hashing and AES-128-CBC Device Login Password Storage: AES-128-CBC			

Functions Checklist

Available functions depend on the Reiri model, optional software addons can be installed to further enhance functionality

Category	Functions	ReiriOffice Touch	ReiriOffice	ReiriHome	ReiriHome Lite
Air Conditioning	Monitoring & Operation (Setpoint, Mode etc.)	✓	✓	✓	✓
	Setback	✓	✓	DCPN006	DCPN006
	Setpoint Range Limit	✓	✓	DCPN006	DCPN006
	R/C Prohibition (Key/Function Lock)	✓	✓	DCPN006	DCPN006
WAGO	Monitoring & Operation (On/Off etc.)	✓	✓	✓	✗
Reiri IAQ Sensor	Monitoring (Value Reading etc.)	✓	✓	✓	✗
SE Smart Meter	Monitoring (Value Reading etc.)	✓	✓	✓	✗
Automation	Scene	✓	✓	✓	✗
	Interlock	✓	✓	✓	✗
	Schedule	✓	✓	✓	✓
	Off Timer	✓	✓	✓	✓
	Automatic Changeover	✓	✓	DCPN006	DCPN006
Monitoring View	Icon View	✓	✓	✓	✓
	Layout View	LCD & Windows App Only	Windows App Only	✗	✗
Data Analysis	Trend Graph	✓	DCPN002	✓	✗
	Energy Graph	✓	DCPN002	✓	✗
	Realtime Energy Monitoring	DCPN004	DCPN004	✗	✗
	Operation Report	✓	DCPN002	DCPN007	DCPN007
	Error Report	✓	DCPN002	DCPN007	DCPN007
	History	✓	✓	✓	✓
	PPD Data	DCPN011	DCPN011	✗	✗
Data Export (Windows App Only)	Trend Data	✓	DCPN002	✓	✗
	Energy Data	✓	DCPN002	✓	✗
	Operation Data	✓	DCPN002	DCPN007	DCPN007
	Error Data	✓	DCPN002	DCPN007	DCPN007
	PPD Data	DCPN011	DCPN011	✗	✗
Notification	Android/iOS App Push Notification	✓	✓	✓	✓
	Email Notification	✓	✓	✓	✓
Home Automation	Google Assistant & Amazon Alexa Compatibility	✗	✗	✓	✓