

AIRTEK

Products List

We bring you

- Competitive price
- Best technical service
- Solutions for diverse applications



The senior BACnet device manufacturer from Taiwan



● Product overview

- WC series / Building controller with web server
- GC series / Global building controller
- DAC series / Advanced zone controller
- DSC series / Local device controller
- EIM series / Expansion IO module
- HMI series / BACnet, Modbus network touch panel
- VAV series / Variable air volume system
- FCU series / Fan coil unit system
- Gateway series / Communication data translate to BACnet system
- Air quality detector
- Temperature sensors, transmitters

WC series / Building controller with web server

 [Product Info.](#)



MODEL	WC-RB10-U	WC-RB11-U	WC-RB12-U	WC-RB12-S	WC-RB12-T	WC8846P	WC8846P-S
Ethernrt	3	3	3	3	3	1	1
MS/TP	-	-	1* 32 dev	1* 8 dev	-	32	4
EIMnet	-	1* 24 EIM	1* 24 EIM	1* 4 EIM	-	24	12
MSnet	-	1	1	1	1	-	-
USB Config	V	V	V	V	V	-	-
DSTcom	V	V	V	V	V	-	-
SD Card	64 GB	64 GB	64 GB	64 GB	64 GB	-	-
Trend Record	200	400	800	10	200	200	20
Schedule	200	400	800	10	200	200	20
Alerts	200	400	800	10	-	200	20
Calender	20	40	80	2	-	20	2
Notification	20	40	80	2	-	20	2
AV Points (AV)	2000	2000	2000	1000	1000	1000	1000
BV Points (BV)	2000	2000	2000	1000	1000	1000	1000
Binary Input (BI)	-	-	-	-	-	8	8
Analog Input (AI)	-	-	-	-	-	8	8
Binary Output (BO)	-	-	-	-	-	4	4
Analog Output (AO)	-	-	-	-	-	6	6
Manual Switch (BO)	-	-	-	-	-	V	V
Manual Switch & Adj Knob (AO)	-	-	-	-	-	V	V
DDC program	64KB	64KB	64KB	64KB	-	-	-
Certification	BTL / CE ROHS	BTL / CE ROHS	BTL / CE ROHS	BTL / CE ROHS	BTL / CE ROHS	BTL / CE ROHS / UL	BTL / CE ROHS / UL

GC series / Global building controller

 [Product Info.](#)



MODEL	GC-DB01-L	GC-DB01-M	GC-DB01-S	GC-RB01-L	GC-RB01-M	GC-RB01-S
Ethernrt	3	3	3	3	3	3
MS/TP	-	-	-	1*64 dev	1*32 dev	1*16 dev
EIMnet	1*24 EIM	1*12 EIM	1*6 EIM	-	-	-
MSnet	1	1	1	-	-	-
USB Config	V	V	V	V	V	-
DSTcom	V	V	V	-	-	-
Trend Record	100	50	10	100	50	10
Schedule	100	50	10	100	50	10
Alerts	100	50	10	100	50	10
Notification	10	5	2	10	5	2
Calender	10	5	2	10	5	2
AV Points (AV)	1000	1000	1000	1000	1000	1000
BV Points (BV)	1000	1000	1000	1000	1000	1000
DDC program	32KB	32KB	32KB	32KB	32KB	32KB
Certification	BTL / CE ROHS	BTL / CE ROHS	BTL / CE ROHS	BTL / CE ROHS	BTL / CE ROHS	BTL / CE ROHS

GC series / Global building controller

 [Product Info.](#)



MODEL	GC8846	GC8846-S	GC8846P	GC8846P-S
Ethernrt	1	1	1	1
MS/TP	-	-	32	4
EIMnet	24	12	24	12
MSnet	1	1	1	1
Trend Record	100	20	100	20
Schedule	100	20	100	20
Alerts	100	20	100	20
Calender	10	2	10	2
Notification	10	2	10	2
Binary Input (BI)	8	8	8	8
Analog Input (AI)	8	8	8	8
Binary Output (BO)	4	4	4	4
Analog Output (AO)	6	6	6	6
Manual Switch (BO)	V	V	V	V
Manual Switch & Adj Knob (AO)	V	V	V	V
Certification	BTL / CE ROHS / UL	BTL / CE ROHS / UL	BTL / CE ROHS / UL	BTL / CE ROHS / UL

DAC series / Advanced zone controller

 [Product Info.](#)



MODEL	DAC8864B	DAC8864B-T	DACU842B	DACU842B-T	DACB	DACSMSB
MS/TP	V	V	V	V	V	V
EIMnet	12	12	12	12	12	12
Msnet	V	V	V	V	V	V
Calender	2	2	2	2	2	2
Schedule	12	12	12	12	12	12
Notification	4	4	4	4	4	4
Event	20	20	20	20	20	20
AV Points (AV)	150	150	150	150	150	150
BV Points (BV)	150	150	150	150	150	150
Universal Input (UI)	-	-	8	8	-	-
Binary Input (BI)	8	8	-	-	-	-
Analog Input (AI)	8	8	-	-	-	-
Binary Output (BO)	6	6	4	4	-	-
Analog Output (AO)	4	4	2	2	-	-
Touch Panel	-	V	-	V	-	-
Manual Switch (BO)	V	V	V	V	-	-
Manual Switch & Adj Knob (AO)	V	V	V	V	-	-
Certification	BTL / CE ROHS	BTL / CE ROHS	BTL / CE ROHS	BTL / CE ROHS	BTL / CE ROHS	BTL / CE ROHS

DSC series / Local device controller

 [Product Info.](#)



MODEL	DSCU842B	DSCU842B-T	DSC8864B	DSC8864B-T	DSCB	DSC4211B	DSC24000B	DSC0080B
MS/TP	V	V	V	V	V	V	V	V
EIMnet	12	12	12	12	12	-	-	12
Msnet	V	V	V	V	V	V	V	V
AV Points (AV)	100	100	100	100	100	100	100	100
BV Points (BV)	100	100	100	100	100	100	100	100
Universal Input (UI)	8	8	-	-	-	-	-	-
Binary Input (BI)	-	-	8	8	-	4	24	-
Analog Input (AI)	-	-	8	8	-	2	-	-
Binary Output (BO)	4	4	6	6	-	1	-	8
Analog Output (AO)	2	2	4	4	-	1	-	-
Touch Panel	-	V	-	V	-	-	-	-
Manual Switch (BO)	V	V	V	V	-	-	-	V
Manual Switch & Adj Knob (AO)	V	V	V	V	-	-	-	-
Certification	BTL / CE ROHS	BTL / CE ROHS	BTL / CE ROHS	BTL / CE ROHS	BTL / CE ROHS	BTL / CE ROHS	BTL / CE ROHS	BTL / CE ROHS

EIM series / Expansion IO module

 [Product Info.](#)



MODEL	EIMXM	EIM24000M	EIM8000M	EIM0080M	EIM0040M	EIM4020M	EIMP800M	EIM0800M
EIMnet	V	V	V	V	V	V	V	V
Modbus RTU	V	-	-	-	-	-	-	-
Binary Input (BI)	32 (Modbus Data)	24	8	0	0	4	0	-
Analog Input (AI)	32 (Modbus Data)	-	-	-	-	-	-	8
Binary Output (BO)	16 (Modbus Data)	0	0	8	4	2	0	-
Analog Output (AO)	16 (Modbus Data)	-	-	-	-	-	-	-
Pulse Input (PI)	-	0	0	0	0	0	8 (100 Hz)	-
Manual Switch (BO)	-	-	-	V	V	V	-	-
Manual Switch & Adj Knob (AO)	-	-	-	-	-	-	-	-
Certification	ROHS	CE / ROHS / UL	CE / ROHS / UL	CE / ROHS / UL	CE / ROHS / UL	CE / ROHS / UL	CE / ROHS / UL	CE / ROHS / UL

EIM series / Expansion IO module

 [Product Info.](#)



MODEL	EIM0004M	EIM0402M
EIMnet	V	V
Binary Input (BI)	-	-
Analog Input (AI)	0	4
Binary Output (BO)	-	-
Analog Output (AO)	4 (VDC)	2 (VDC/mA)
Pulse Input (PI)	-	-
Manual Switch (BO)	-	-
Manual Switch & Adj Knob (AO)	V	V
Certification	CE / ROHS / UL	CE / ROHS / UL

HMI series / BACnet, Modbus network touch panel

 [Product Info.](#)



MODEL	NVT70PE	NVT70P	DST70P	DST70P-G	NVT35U	DST35U	DST35U-G
AIRTEK MSnet	-	-	V	-	-	V	-
Modbus RTU	-	-	-	V	-	-	V
BACnet MSTP	V	V	-	-	V	-	-
BACnet Eth/IP	V	-	-	-	-	-	-
BACnet Schedule RW	V	V	-	-	-	-	-
Real Time Clock	V	V	V	V	V	V	V
Screen size / Pixel	7.0"/800*480	7.0"/800*480	7.0"/800*480	7.0"/800*480	3.5"/320*240	3.5"/320*240	3.5"/320*240
USB Port	The Mini USB for project update	The Mini USB for project update	The Mini USB for project update	The Mini USB for project update	The Mini USB for project update	The Mini USB for project update	The Mini USB for project update
Certification	BTL / CE ROHS	BTL / CE ROHS	CE / ROHS	CE / ROHS	BTL / CE ROHS	CE / ROHS	CE / ROHS

VAV series / Variable air volume system

 [Product Info.](#)



MODEL	DSCVB-5NM	DSCVB-10NM	DSCV232B-10NM	MST32V	MST32V-H	NST32V	NST32V-H	TSR2000A
MS/TP	V	V	V	-	-	-	-	-
EIMnet	V	V	V	-	-	-	-	-
Msnet	V	V	V	V	V	V	V	-
Temperature	10KΩ@25 °C	10KΩ@25 °C	10KΩ@25 °C	10KΩ@25 °C	CMOS	10KΩ@25 °C	CMOS	10KΩ@25 °C
Humidity	-	-	-	-	CMOS	-	CMOS	-
AV Points (AV)	100	100	100	-	-	-	-	-
BV Points (BV)	100	100	100	-	-	-	-	-
Universal Input (UI)	-	-	2	-	-	-	-	-
Binary Output (BO)	-	-	3	-	-	-	-	-
Analog Output (AO)	-	-	2	-	-	-	-	-
Certification	CE / ROHS	CE / ROHS	CE / ROHS	CE / ROHS	CE / ROHS	CE / ROHS	CE / ROHS	CE / ROHS

FCU series / Fan coil unit system

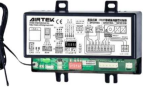
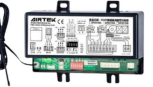
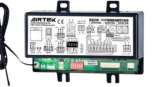
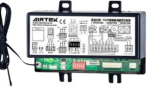
 [Product Info.](#)



MODEL	PF-PM11	PF-BM12	MFC32V	NFC32V	MFT28U	MFT28U-Q	NFT28U	NFT28U-Q
FCUnet LAN	1	2	-	-	-	-	-	-
BACnet MSTP	V	-	-	-	-	-	-	-
Modbus RTU	V	-	-	-	-	-	-	-
BACnet Eth/IP	-	V	-	-	-	-	-	-
Modbus TCP	-	V	-	-	-	-	-	-
Control	-	-	Single	Group	Single	Single	Group	Group
Display	-	-	LCD	LCD	Touch TFT 2.8"	Touch TFT 2.8"	Touch TFT 2.8"	Touch TFT 2.8"
IAQ sensor	-	-	-	-	-	Temp / RH / CO2	-	Temp / RH / CO2
Schedule	20	16	-	-	-	-	-	-
Alarm	10	16	-	-	-	-	-	-
AV Points (AV)	100 .each	200 .each	-	-	-	-	-	-
BV Points (BV)	100 .each	200 .each	-	-	-	-	-	-
Certification	CE / ROHS	CE / ROHS	CE / ROHS	CE / ROHS	CE / ROHS	CE / ROHS	CE / ROHS	CE / ROHS

FCU series / Fan coil unit system

 [Product Info.](#)



MODEL	DSF1150B-AC	DSF1150B-DC	DSF1150M-AC	DSF1150M-DC	DFD0140A	DFD2150A	DFD2150A-CH	DFD2150A-FL
Valve control	OnOff / Floating	OnOff / Floating / Proportional	OnOff / Floating	OnOff / Floating / Proportional	1 Valve (OnOff)	2 Valve (OnOff)	1 Valve (OnOff) (Single cooling)	1 Valve (Floating)
Chiller interlocked	Programmable	Programmable	Programmable	Programmable	-	-	1 points	-
Fan speed control	L / M / H	Variable	L / M / H	Variable	3 points	3 points	3 points	3 points
Programmable	V	V	V	V	-	-	-	-
Plumbing	2 / 4 piping	2 / 4 piping	2 / 4 piping	2 / 4 piping	2 piping	4 piping	2 piping	2 piping
Binary Input (BI)	2	2	2	2	0	2	2	2
Analog Input (AI)	0	2	0	2	1	1	1	1
Binary Output (BO)	5	5	5	5	3(Fan)+1(val)	3(Fan)+2(val)	3(Fan)+1(val)+1(CH)	3(Fan)+2(floating val)
Analog Output (AO)	0	2	0	2	0	0	0	0
Protocol	BACnet MSTP	BACnet MSTP	Modbus RTU	Modbus RTU	Modbus RTU	Modbus RTU	Modbus RTU	Modbus RTU
Certification	CE / ROHS	CE / ROHS	CE / ROHS	CE / ROHS	CE / ROHS	CE / ROHS	CE / ROHS	CE / ROHS

Gateway series / Communication data translate to BACnet system

 [Product Info.](#)



MODEL	PV-BM11	PV-BM21	PC-MP11-XS/S/M/L(-N)	PC-ME11XS/S/M/L(-N)	PC-ME10-XS/S/M/L(-N)
Modbus RTU	-	-	V	V	-
Modbus TCP Server	V	V	-	V	V
Modbus TCP Client	-	-	-	-	V
BACnet MSTP	-	-	V	-	-
BACnet Eth/IP	V	V	-	V	V
Alarm/Schedule	-	-	V(X)	V(X)	V(X)
Program	-	-	V(X)	V(X)	V(X)
Panasonic VRF system	1/1*Line for 64/128 indoor unit	1/2*Line for 64/128 indoor unit	-	-	-
Certification	CE / ROHS	CE / ROHS	CE / ROHS	CE / ROHS	CE / ROHS

Air quality detector

 [Product Info.](#)



MODEL	QTR00V	QTR00V-A	QTR00V-AB	QTR28V	QTR28V-A	QTR28V-AB
Analog output signal	0-10VDC & 4-20mA *2	0-10VDC & 4-20mA *3	0-10VDC & 4-20mA *3	0-10VDC & 4-20mA *2	0-10VDC & 4-20mA *3	0-10VDC & 4-20mA *2
RS-485 Comm. format	Modbus RTU	Modbus RTU	BACnet MS/TP	Modbus RTU	Modbus RTU	BACnet MS/TP
Certification	CE / ROHS	CE / ROHS	CE / ROHS	CE / ROHS	CE / ROHS	CE / ROHS

Temperature sensors, transmitters

 [Product Info.](#)



MODEL	SFS-050-M1	TTD7025A	TTW7010A	TTW7010A-1	TSD2025B	TSW2010B	TSW2015B
Actions pressure	50±9 mbar (500±90 mmWC)	-	-	-	-	-	-
Reverts pressure	27±9 mbar (270±90 mmWC)	-	-	-	-	-	-
Max. static press	10 bar	-	-	-	-	-	-
Max. Diff. press	5 bar	-	-	-	-	-	-
Output point	1 SPDT, 10(3)A,250Vac	-	-	-	-	-	-
Type	-	Duct	Immersion	Immersion	Duct	Immersion	Immersion
Output	-	4~20mA	4~20mA	4~20mA	-	-	-
Sense Range	-	-10~40 °C	-10~40 °C	0~100 °C	-20~100 °C	-20~100 °C	-20~100 °C
Accuracy	-	±0.15 % full scale	±0.15 % full scale	±0.15 % full scale	±0.25 °C@25 °C	±0.25 °C@25 °C	±0.25 °C@25 °C
Certification	-	CE	CE	CE	CE / ROHS	CE / ROHS	CE / ROHS

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