

FUNCTIONS SUMMARY

Function	Type	System controller					
		UTY-APGX	Option UTY-PEGX	UTY-ALGX	Option UTY-PLGXR1	Option UTY-PLGXA1	Option UTY-PLGXE1
System specification	Max. VRF networks supported	4	-	1	-	-	-
	Max. indoor unit / remote controller groups per VRF network	400	-	400	-	-	-
	Max. outdoor units per System controller	100	-	100	-	-	-
	Max. indoor units / remote controller groups per System controller	1600	-	400	-	-	-
Site supervision	Max. outdoor units per System controller	400	-	100	-	-	-
	Multi site display	10	-	10	-	-	-
	Number of building / 1 site	20	-	-	-	-	-
	Number of floor per 1 site	200	-	-	-	-	-
	Number of floor per 1 building	50	-	-	-	-	-
	3D graphical layout view	○	-	-	-	-	-
	2D graphical layout view	○	-	-	-	-	-
	List display	○	-	○	-	-	-
	Tree display	○	-	○	-	-	-
	Group display	○	-	○	-	-	-
Error management	Error notification	○	-	○	-	-	-
	Audible alarm	○	-	○	-	-	-
	Error e-mail notification	○	-	○	-	-	-
History	Error history	○	-	○	-	-	-
	Operation history	○	-	○	-	-	-
	Control history	○	-	○	-	-	-
Operation control	Individual control	On/Off	○	-	○	-	-
		Operation mode	○	-	○	-	-
		Room temperature	○	-	○	-	-
		Fan speed	○	-	○	-	-
		Air flow direction	○	-	○	-	-
		Economy mode	○	-	○	-	-
		Room temperature set point limitation	○	-	○	-	-
		Test operation	○	-	○	-	-
		Antifreeze	○	-	○	-	-
		Outdoor unit low noise setting	○	-	○	-	-
	Individual management	Remote control prohibition setting	○	-	○	-	-
		Temperature upper and lower limit setting	○	-	○	-	-
		Filter sign reset	○	-	○	-	-
	Other	Memory operation	○	-	○	-	-
		Pattern operation	○	-	○	-	-
Schedule	Annual Schedule	○	-	○	-	-	
	Special day setting	○	-	○	-	-	
	On / off per day	72	-	72	-	-	
	On / off per week	504	-	504	-	-	
	Day off	○	-	○	-	-	
	Min. unit of timer setting (Minutes)	10	-	10	-	-	
	Low noise mode Weekly schedule	○	-	○	-	-	
Remote management	Remote monitoring	○	-	-	○	-	
	Remote operation control	○	-	-	○	-	
	Remote function setting	○	-	-	○	-	
Electricity charge apportionment	Apportionment charge/bill calculation	○	-	-	-	○	
	Tenant (block) setting	○	-	-	-	○	
	Common facilities apportionment setting	○	-	-	-	○	
	Rated power consumption allotment setting	○	-	-	-	○	
	Individual calculation at cooling and heating	-	○*	-	-	○	
	Electricity meter supported	-	○	-	-	○	
Energy saving management	Indoor unit rotation	-	○	-	-	○	
	Peak cut control	-	○	-	-	○	
	Outdoor unit capacity save	-	○	-	-	○	
	Record of energy saving operation	-	○	-	-	○	
	Energy saving information	-	○	-	-	○	
	Power consumption monitor	-	○	-	-	○	
	Electricity meter supported	-	○	-	-	○	
Others	Database import/export	○	-	○	-	-	
	Automatic clock adjustment	○	-	○	-	-	
	Multi language	7 languages	-	7 languages	-	-	

*:Power calculation application software is necessary, please contact the local FGL representative.

○: Available. - : Not available.

Personal computer system requirements

	System Controller	System Controller Lite
Operating system	<ul style="list-style-type: none"> Microsoft® Windows Vista® Home Premium (32-bit) SP2, Windows Vista® Business (32-bit) SP2 Microsoft® Windows® 7 Home Premium (32-bit or 64-bit) SP1, Windows® 7 Professional (32-bit or 64-bit) SP1 Microsoft® Windows® 8 (32-bit or 64-bit), Windows® 8 Pro (32-bit or 64-bit) Microsoft® Windows® 8.1 (32-bit or 64-bit), Windows® 8.1 Pro (32-bit or 64-bit) Microsoft® Windows® 10 Home (32-bit or 64-bit), Windows® 10 Pro (32-bit or 64-bit) [Supported languages] English, Chinese, French, German, Russian, Spanish, and Polish	
CPU	Intel® Core™ i3 2 GHz or higher	
Memory	<ul style="list-style-type: none"> 2 GB or more (for Windows Vista® and Windows® 7 [32-bit]) 4 GB or more (for Windows® 7 [64-bit], Windows® 8, Windows® 8.1, and Windows® 10) 	
HDD	40 GB or more of free space	
Display	1024 x 768 or higher resolution	
Interface	<ul style="list-style-type: none"> Ethernet port (for getting access to the Internet using LAN) or Modem (for getting access to the Internet using Public Telephone Line) USB ports (Maximum of 6 ports) (Required only for the Server PC that works as VRF Controller) - Maximum of 2 USB ports are required for WibuKey connection - Maximum of 4 USB ports are required for Echelon® U10 USB Network Interface * Maximum number of required USB port depends on the applicable system configuration. 	<ul style="list-style-type: none"> Ethernet port (for getting access to the Internet using LAN) or Modem (for getting access to the Internet using Public Telephone Line) USB ports (Maximum of 5 ports) (Required only for the Server PC that works as VRF Controller) - Maximum of 4 USB ports are required for WibuKey connection - 1 USB port is required for Echelon® U10 USB Network Interface * The maximum number of required USB port depends on the applicable system configuration.
Graphic accelerator	Microsoft® DirectX® 9.0c compatible	
Software	Adobe® Reader® 9.0 or later	
Optical drive	DVD-ROM drive	

• Personal computer that satisfies the following system requirements

• Echelon® U10 USB Network Interface - TP/FT-10 Channel (Model number: 75010R) (Required for each VRF Network.)

PACKING LIST

Type	For System controller			For System controller Lite		
	System Controller	Option	System Controller Lite	Remote access	Option	Energy saving
		Energy manager			Electricity charge apportionment	
Model name	UTY-APGX	UTY-PEGX	UTY-ALGX	UTY-PLGXR1	UTY-PLGXA1	UTY-PLGXE1
DVD-ROM	1	1	1	-	-	-
WibuKey*1(Software protection key)	1	1	1	1	1	1

*1: Software protection key to be inserted in a USB slot running System Controller or System Controller Lite.

System Controller or System Controller Lite may only run on a PC with Wibu Key. However, WibuKey is not required for remote VRF Explorer software.