KYLAND

KyAir3006
Industrial Wireless Controller

▶▶ Overview

The high-performance wireless controller KyAir3006,it can break through the three-layer network to maintain communication with the AP, and is deployed in any two-layer or three-layer network structure without changing any network architecture and hardware devices, thus providing seamless and secure wireless network control. Initially, it supports the management of 64 wireless access points, and through the upgrade of the License, it can support the management of up to 2048 APs.

KyAir3006 can implement powerful centralized and visual management and control for wireless networks, significantly simplifying wireless networks that were originally difficult to implement and complex to deploy. With the cooperation of Kyvision or KyView, it is flexible to assist in monitoring wireless access points.

 KyAir3006 products provide network services through identity-based networking. Realize wireless users roam smoothly in the process of spanning different areas of the entire network, fully satisfying the security and session integrity in mobile roaming, and fully satisfying the data interaction and voice fluency of Wi-Fi voice communication.

Key Features

Support multiple detection and discovery methods to ensure that devices can be successfully launched and monitored in various network architectures

Support device running status display, such as online, offline, configuration, upgrade

Support batch upgrades, Manual or automatic upgrade can be set

Support remote modification of device name, IP address, location information, wireless parameters and other personalized information

Support authorization management. The number of devices supported by the system can be controlled by the authorized number

Support the key information retrieval of the device, and query the target device conveniently and quickly

Support NTP server, convenient for online devices to synchronize time

Product Specifications

	CPU	Intel Celeron J1900
	Memory	4GB
	Storage	4GB
	Interface	6 * 10/100/1000Mbps RJ45 ports 2 * USB
	Dimension	430 * 300 * 44.5 mm
Hardware Specifications	Operating temperature	0℃~50℃
	Ambient Relative Humidity	5% ~ 95% non-condensing

	Power Supply	220V AC
Software Specifications	Number of Access	Number of managed devices 2048 Number of supported templates 1024 Number of connected users (STA) 65535
	Access Management	Supports modifying the IP address Support password modification Support English,Chinese language
	Information statistics	Platform information: display Platform name, software version number, IP address, CPU/memory usage, running time, system time Access point information: display total devices, online devices, and offline devices Client information: display total devices, online devices, offline devices Alarm information: displays the current number of new alarm logs, click to link to the alarm log window; timed update
	Access Point Management	Displays Online, Offline, Upgrading, Configuring, Upgrade Failed, Configuration Failed, etc. Indicates the name of the device Displays the model of the device Displays the IP address of the device Displays the MAC address of the device Displays the current software version of the device Displays the number of hours the device has been online Displays the name of the currently adopted template Supports the following wireless parameter information display Displays the current workgroup channel of the device. Displays the current channel bandwidth of the device. Displays the current transmit power level of the device Displays the type of terminal connected (iphone terminal, Android terminal, Windows, etc.) Displays information about the STAs connected to the AP. The following information display is supported Displays the sending and receiving rate with this client Displays the signal strength received from this client. Displays the online CPEs, supporting the following information display Displays the deployment location of the device Displays the current SSID of the device
	Template Management	Support authentication/encryption settings. Support the limit of the number of access users, the configuration range is 1~127. Support TDMA switch configuration, only supported bridge template. Support client isolation settings Support configuration of SSID hiding. Support configure SSID, support setting Chinese. Support 8 VAP settings, support on or off Supports high/medium/low configuration, with the same access point classifi

		cation algorithm.
		Support 20/40/80MHz bandwidth.
		Channel Selection, according to the channel supported by different country codes.
		Country Code, support China, USA and test mode setting.
		The currently saved templates are displayed in list mode, including: template name, country code, channel, bandwidth, SSID, power level, maximum transmission rate, encryption type, etc.
	Firmware Management	Map File Upload, click to upload an offline map file for easy viewing and configuration of device information in map mode.
		Configuration Recovery, click Recovery to import a legal configuration file into the product and automatically refresh the configuration after the import completed.
		Configuration Save, click Save to save the configured login information, template, device location information and export it to a local computer.
	Log Management	Log Search, search in different categories, support fuzzy search by keywords Only for the log box, the history log does not support page search.
		Log Clear, delete the log files saved in the storage space, and clear all the statistical information.
		Log Upload, support synchronized upload to remote syslog server.
		Log Classification, common device operation logs, modification logs and alarm logs.

Mechanical Drawing

Ordering Information

Product Model	Description
KyAir3006	Wireless controller,support 6xGigabit ports; default support manage 256 AP, can be extended up to 2048 AP through the License;1U rack-mountable, single power supply, 220V AC; support to manage AP models KyAir600E/600F, KyAir800E/800F