

# DH-PFM888-AC

## Wireless Access Controller



### Product Overview

DH-PFM888-AC is a wireless access controller, which is aimed at providing centralized control, management for large-scale surveillance system, campus, service provider, etc. It provides real-time monitoring and management for up to 2048 access points and 65535 clients.

### Features

- Support up to 2048 access points and 65535 clients
- Support CAPWAP protocol
- Multi-level device management
- Support deployment in L2 or L3 network
- Auto-detect or detect by static IP
- Real-time monitoring of access points and clients

### Technical Specification

Model	DH-PFM888-AC
Hardware	<ul style="list-style-type: none"> <li>· CPU: Intel Celeron J1900 Quad-Core Processor 2.4GHz</li> <li>· Memory: DDR3 8GB</li> <li>· Memory of CF card: 4GB</li> <li>· Interfaces: 10/100/1000M Base-TX *6 USB *2 Console *1</li> <li>· Dimension: 430 ×300 ×44.5(mm) (1U )</li> <li>· Power: AC 220V (75W)</li> <li>· Working Temperature: 0°C~50°C</li> <li>· Weight: 3.37kg</li> </ul>
Performance	<ul style="list-style-type: none"> <li>· Support up to 2048 access points</li> <li>· Support up to 65535 clients</li> <li>· Support up to 1024 templates</li> </ul>
Access Control	<ul style="list-style-type: none"> <li>· Portal, Radius</li> <li>· It's allowed only one user to log into the web management interface at the same time. If a new user logs into the web management interface, then the logged-in user will be logged out.</li> </ul>
Statistics	<ul style="list-style-type: none"> <li>· Platform: Device name, Firmware Version, IP address, CPU Usage, Memory Usage, Run Time, System Time</li> <li>· Device (Access Points): Total Units, Online Units, Offline Units</li> <li>· Terminal: Total Units, Online Units, Offline Units</li> <li>· Alarm</li> </ul>
Device/Terminal Management	<ul style="list-style-type: none"> <li>· Device: Status: Online, Offline, Unmanaged, Upgrading, Configuring, Failed to upgrade, Failed to configure, etc</li> <li>· Device Name, Model, IP Address, MAC address, Firmware Version, Run Time, Template, Location, etc</li> <li>· Wireless: Channel, Channel Width, Output Power, Maximum Transmission Rate, SSID, Encryption Method, TDMA</li> </ul>

Device/Terminal Management	<ul style="list-style-type: none"> <li>· Terminal CPE: Display online CPE, including following information: Status, Device Name, Model, IP Address, MAC Address, Location, Signal Strength, Transmission Rate, Firmware Version, Run Time</li> <li>· Clients: Display online clients which connects to AP, including: Clients Type (IOS, Android, PC), IP Address, MAC Address, Location, Signal Strength, Run Time</li> <li>· Support delete the offline device list</li> <li>· Support sort by Online, Offline, IP, MAC, Group Name, Firmware Version, Run Time</li> <li>· Clients Retrieve</li> </ul>
Template Management	<ul style="list-style-type: none"> <li>· Display current templates which have been saved</li> <li>· Template classification by device type</li> <li>· New or edit template, including following: Region, Channel, Channel Width, Output Power Setting, Multi-VAP, SSID, Hidden SSID Broadcast, Client Isolation, TDMA, Max User Limitation, Authentication/Encryption Method, Auto-match</li> </ul>
Image Management	<ul style="list-style-type: none"> <li>· Display Image Name, Version, File Size, Update Time</li> <li>· Support upload and storage image to device</li> <li>· Support Auto-upgrade</li> <li>· Support Batch-upgrade</li> </ul>
Configuration	<ul style="list-style-type: none"> <li>· Support save configuration to local PC</li> <li>· Support import configuration</li> </ul>
Log Management	Log Classification, log export, log upload, log search
Network and Security	<ul style="list-style-type: none"> <li>· Management Protocol: CAPWAP</li> <li>· Discovery Method: DHCP (Option43), Static IP, Broadcast</li> <li>· VLAN</li> <li>· DoS Protection</li> </ul>
Upgrade	<ul style="list-style-type: none"> <li>· Support upgrade via web</li> <li>· Service Interruption time via upgrade ≤ 7 minutes</li> </ul>