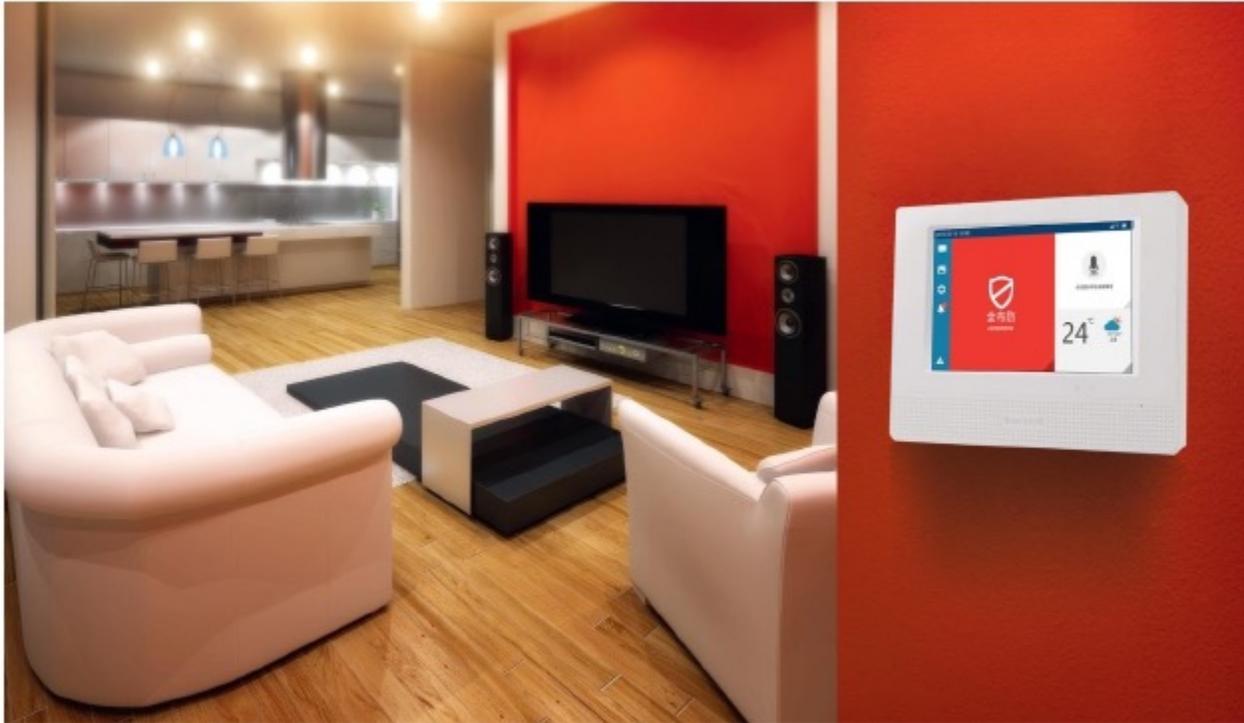


## LYNX Touch AP2 CONTROL SYSTEM



Honeywell's lifestyle-enhancing LYNX TOUCH AP2 (L7000-AP2) control system, provides a stylish wireless solution, which is safer, more professional and convenient for high-end residential owners. It features a 7" bright, full-color touch-screen with graphic icons and intuitive prompts for easy operation. The system has excellent wireless performance and breakthrough to customize security scenarios. Designed for broadband offer with cellular communications extension capability, LYNX TOUCH AP2 provides customers the flexibility for alarm communication options to meet different safety and economical demand.

Honeywell's 'iLYNX' APP provides customers with the ability to use an iOS or Android™ device to keep you connected to your family and home whether you're across the street or across the world.



## Features

### Intuitive and easy to use

- Instead of the traditional mechanical keypad, LYNX TOUCH AP2 provides the customers with 7" LCD touch-screen to operation and program;
- Easy understanding GUI design, menu driven navigation;

- Programmable zone and scenario name, intuitive to use, and no codes to remember;
- Breakthrough scenario concept, which could customize groups of zones to be armed flexibly. 4 default security scenarios (All Armed, All Disarmed, Arm Stay and Arm away) and up to 56 self-defined scenarios according to the functional areas and/or the individual requirements.

### Excellent performance

- Support up to 60 RF wireless devices (including key-fobs), and 1 wired device;
- Support multiple communication channels, including PSTN, wired IP, Wi-Fi (optional), wireless network (2G/3G, optional);
- Support multiple alarm reporting ways for self-monitoring plication, including telephone voice, APP for iOS and Android, SMS report. Support follow me and APP for remote control.
- Support up to 4 CMS center monitoring through GPRS, IP and PSTN in redundancy or backup way;
- Up to 200m RF detection range in open space, could meet the needs of big residential units;

### Design for home user

- Digital photo frame, blends with any residential or commercial decoration;
- Weather forecast;
- Real time clock;
- Up to 10 family voice messages;
- Chime Mode (audible alert of the opening of a door, while it is disarmed);

### Advanced cyber security practice

- Requires for a digital certification of 2048 bites to verify the identity of the communication parties, intruders can't easily forge identity or forced entry system;
- High security encryption algorithms to meet the highest safety standards, dynamic session key to prevent from obtaining the original data;
- System/Event log for tracking and auditing of the unknown security risks;

### Low operation cost

- Wall mounting, minimized cabling, easy to install, and easy to add devices;
- Upgrading online remotely or in field;
- Reserved multiple devices interface, supporting extending interface for Wi-Fi and Z-Wave
- Low-power design, long life battery up to 5 years for wireless

### Easy to manage the scenarios remotely

- Unified design language in APP to the panel GUI, easy to view and switch the scenario by one click;
- SMS or follow me by telephone;

# System Architecture



## Technical Specifications

Power	9V/2.5 adapter
Lowvoltageathreshold	7.2(±0.2)V
Staticcurrent	240mA
Workcurrent	Max to 700mA (Excluding battery charging current)
Backupbattery	7.2V/1100mA NiMH battery(standard) 7.2V/2200mA NiMH battery(option)
Chargingduration	24H
Size	225×150×37mm
Weight	760g
Color	White
Operationtemperature	-10°C-40°C
Storagetemperature	-40°C-70°C
Operationhumidity	<80%
Zones	60 wireless devices (including wireless key-fobs), 1 wired
Account	1 installer (default password 123456); 30 users, including masters, visitors, duress
Display	7" LCD resistive screen, Resolution: 800*480, color: 16.7 million
Armingmode(scenario)	All Armed / All Disarmed / Arm Stay / Arm Stay / And support up to 56 self-defined scenarios
Language	English, Chinese
Alarmoutputsound	>80dB
Alarmsoundduration	Programmable( default 1min)
Temper	Wall mounting with temper
Real-timeclock	Network time sync
Batterytest	Every 1 min

Frequency	345MHz
RFdistance	Un to 150 meters in open space
Power Level	500mW
Reportchannels	Up to 4 CMS centers (by PSTN or IP), Up to 4 individual phone or SMS, APP(unlimited)
Reportformat	Internet---TCP/IP Cellular network---GPRS PSTN---CID PSTN---Voice Cellular network--Voice and SMS APP
Individualreporttypes	Pre-recorded voice SMS APP
APP	iOS(7.0 and above) and Android (4.0 and above)

## LYNX-2G

LYNX wireless communication module -2G (hereinafter referred to as the LYNX-2G module) is LYNX wireless panel expansion modules, enabling network reporting, SMS reports and voice reporting.

### Features

- Support GPRS, using AES-128Bit encryption with safer communication
- Alarm with SMS, users can have the alarm report immediately, supports 4 mobile phone numbers
- Multiple alarm options
- Support the configurations on the panel software interface, which is more convenient and simpler than traditional panels
- Support the function of "Follow Me"
- Support the solution of dual CMS centers
- Upgrading remotely and locally
- Compact design and flexible installation

### Main functions

- Support LYNX TOUCH AP series panels(L7000-AP1/L7000-AP2)
- Support "PSTN&IP" dual report or "PSTN or IP" backup report
- Support IP dual report or IP backup report
- Alarm with SMS, Voice and GPRS
- Report the panel status timely
- Could storage up to 100 reports while the network failure
- Support the arm/dis-arm by phone



## Specification

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size	59mm*41mm
Input voltage	DC 4.2V
current	Peak 2A
power	Panel power
SIM card	GSM big card
Operation frequency	support dual-band GSM : 900Mhz/1800Mhz
Transmission rate	Support GPRS class 10: MAX 85.6Kbps (down link)
Antenna	IPEX port PCB antenna

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