10-inch Touch Screen Home Automation Controller

TAIWAN EXCELLENCE 2016

Wall-mounted Touch Panel Makes Home System Control Easy

PLANET HTS-1000P is a 10-inch Touch Screen Home Automation Controller, which is the command center of the Home Monitoring and Automation Systems, providing users with quick, consistent access to every device in the connected home. A simple user interface enables customers to easily arm and disarm their system; view status of doors, control lights, thermostats and door locks; and see live video from cameras in and around the home – all at the touch of a button. Quick-read information, such as weather and time, and more, is available via on-screen widgets that are constantly updated.

Hardware

- 10.1-inch projected capacitive multi touch panel
- An Android Universal remote control for your home
- High performance dual core 1GHz processor
- Acoustic Echo Cancellation on speaker path
- Sliders and gesture swipe actions supported
- Simple graphical interface to control house
- IEEE 802.11b/g/n wireless standard compliant
- Compliant with IEEE 802.3af PoE interface for flexible deployment

Network and Configuration

- Integrates control gateway and door phone with one control pad
- Able to look up information like weather and schedules
- Real-time image monitoring of home cameras
- Provides pre-defined scene modes such as wake up, sleep and more (with the HAC-1000 Control Gateway)
- Control lights based on time and occupancy (with the HAC-1000 Control Gateway)
- Control thermostats based on schedules and occupancy (with the HAC-1000 Control Gateway)
- Able to see, hear and speak to your visitors before opening the door (with the HDP-1100PT Door Phone)
- Remote firmware updates to acquire the latest features

Keep an Eye On Home with Touch Screen

You can view cameras around your home on touch screen. Keep an eye on your kids and pets, screen visitors at your entranceway and view activity occurring around the interior or exterior of your home whenever and wherever you want.

Real-time Monitoring

Lighting Control

Users can choose the most comfortable lighting brightness with the HAC-1000 Control gateway for the perfect atmosphere. They can also choose the right time to turn the light on for comfort, or to warn and prevent burglars from intruding the premises.
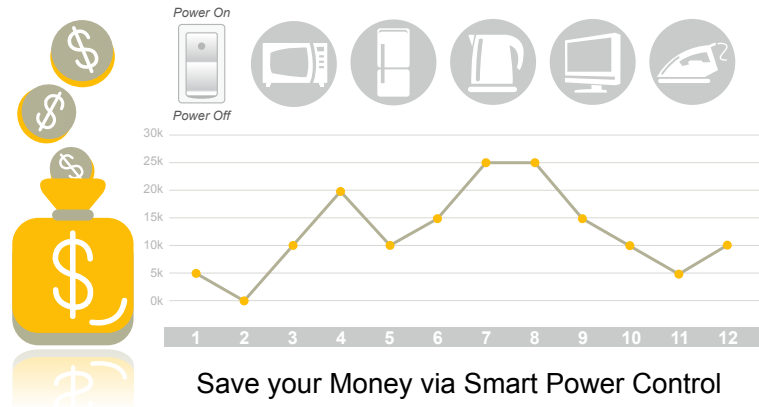

Personal Scene Mode

In the "Scene" mode you can set everything you want in every room of your home for any activity or anything in-between from morning to night. An unlimited number of scenes can be created and customized to your personal preferences.

Multiple Scene Modes For Smart Home

Energy and Cost Saving on Every Room

You can also check the current energy consumption in your home within the configuration interface of the HTS-1000P with the HAC-1000 Control Gateway. Manage these energy-saving devices such as power meter switches, power switches and dimmer switches to help you reduce energy consumption and thus save expenses on utilities.
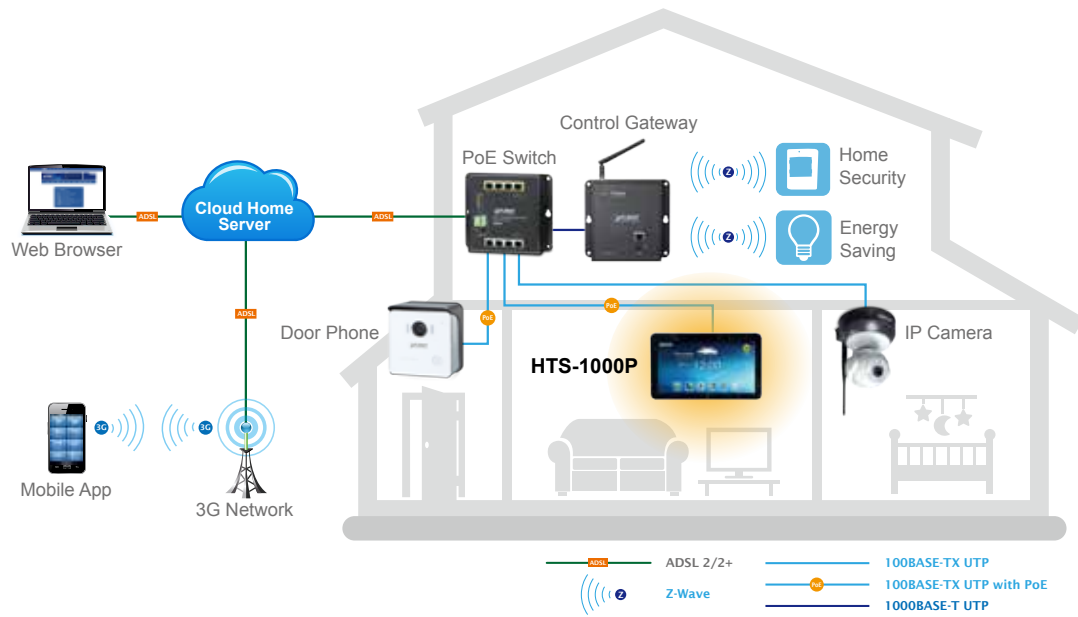

Save your Money via Smart Power Control

AEC (Acoustic Echo Cancellation) Technology

Acoustic Echo Cancellation (AEC) technology is adopted in PLANET's HDP-1100PT Door Phone and HTS-1000P Touch Screen to enable to minimize the sound signal distortion shown in the diagram below, thus guaranteeing the best-in-class sound quality.

Applications

The HTS-1000P is the all-in-one smart control pad. The system utilizes a power line and one single network cable to combine various household facility applications, including camera monitoring, access control, intercom, security, scene control, and value-added services to bring a comfortable, convenient, and happy new life to you. Though it comes with a wall-mounted bracket, its body is designed to be portable, allowing usage with mobility.

Specifications

Model	HTS-1000P
Hardware Platform	
Screen Size	10.1 inch
Brightness	250 cd/m2
Video Resolution	1024 x 600
Aspect Ratio	16:9
Touch panel	Projected capacitive (multi touch)
Audio	
Audio Streaming	Two-way audio
Microphone	Built-in microphone and speaker input
Audio Output	Acoustic Echo Cancellation
Wireless interface	
Standard	Compliant with IEEE 802.11b/g/n
Frequency Band	2.4G: 2.400-2.484GHz
Data Rate	802.11b: 1/2/5.5/11Mbps 802.11g: 6/9/12/24/36/48/54Mbps 802.11n: up to 150Mbps
RF Transmission Power	802.11b: 17±1dBm 802.11g: 15.5±1.5dBm 802.11n: 14.5±1.5dBm
Receive Sensitivity	802.11b (11Mbps): -91dBm 802.11g (54Mbps): -77dBm 802.11n 20M (MCS7): -70dBm 802.11n 40M (MCS7): -69dBm
Security	WEP (64/128-bit) WPA-PSK (TKIP) / WPA2-PSK (AES) WPA (TKIP) / WPA2 (AES)
Transmission Distance	Up to 180 meters in open space
Network and Configuration	
Network Standard	IEEE 802.11b IEEE 802.11g IEEE 802.11n IEEE 802.3 10BASE-T IEEE 802.3u 100BASE-TX
Functions	SIP intercom supported (with the HDP-1100PT Door Phone) Home Automation Integrated (with the HAC-1000 Home Control Gateway)
General	
Power Requirements	12V DC, 1.5A IEEE 802.3af Class 3
Operating Temperature	-10 ~ 40 degrees C
Operating Humidity	0 ~ 90% (non-condensing)

Weight	620g
Dimensions (W x D x H)	258 x 163 x 24 mm
Installation	VESA-mount type
Emission	CE, FCC
Connectors	10/100 Mbps Ethernet, RJ45 DC power jack Power switch button (On / Off) Volume button (+/–) Tab button (+/–) Home button

Ordering Information

HTS-1000P	10-inch Touch Screen Home Automation Controller

Related Products

HAC-1000	Z-Wave Home Automation Control Gateway
HDP-1100PT	720p SIP Door Phone with PoE
WGS-804HP	8-Port 10/100/1000T Wall-mounted Gigabit Ethernet Switch with 4-Port PoE+
ICA-3110	HD Ultra-mini Bullet IR IP Camera
ICA-3200	Full HD Ultra-mini Bullet IP Camera
ICA-W7100	720p Wireless IR PT IP Camera
HZS-100E	Z-Wave Wall-mount PIR Motion Sensor (ETSI-868.42MHz)
HZS-100A	Z-Wave Wall-mount PIR Motion Sensor (FCC-908.42MHz)
HZS-200E	Z-Wave Ceiling-mount Smoke Detector (ETSI-868.42MHz)
HZS-200A	Z-Wave Ceiling-mount Smoke Detector (FCC-908.42MHz)
HZS-300E	Z-Wave 4-in-1 Multi Sensor (ETSI-868.42MHz) including Door/Window Contact, Humidity, Temperature and Light Sensor
HZS-300A	Z-Wave 4-in-1 Multi Sensor (FCC-908.42MHz) including Door/Window Contact, Humidity, Temperature and Light Sensor
HZS-532E-DE	Z-Wave Smart Energy Meter (ETSI-868.42MHz, AC 100-230V, 10A max.)
HZS-531A-US	Z-Wave Smart Energy Meter (FCC-908.42MHz, AC 100-230V, 10A max.)
FGSD-1008HPS	8-Port 10/100TX 802.3at PoE + 2-Port Gigabit TP/ SFP Combo Web Smart Switch
FSD-504HP	4-Port 10/100Mbps 802.3af/at PoE + 1-Port 10/100Mbps Desktop Switch (60 watts)
GS-4210-8P2S	8-Port 10/100/1000T 802.3at PoE + 2-Port 100/1000X SFP Managed Switch

HTS-1000P