



SPA2 is a SIP video intercom & Paging device for industry application. The media stream transmission adopts standard IP/RTP/RTSP protocol. It inherits the advantages of the stability and the sound quality of VOPTech VOIP Phone. It is perfectly compatible with all the current SIP IPPBX /IMS platforms, such as Asterisk, Broadsoft, 3CX, Elastix, etc. It has various functions and interfaces, Such as Intercom, broadcast, video , security, recording, to adapt different application environment.

### Highlights:

- Small and exquisite, can be embedded in the internal installation
- Emergency call button interface, active call
- Interact with IPC camera, you can make a video phone call
- NVR video recording, standard RJ45 interface
- Recording output, 3.5mm standard audio interface
- System online management and upgrade
- 10W-30W adaptive output power



### Intercom

- Two SIP lines, supporting SIP 2.0 (RFC3261) and related RFC
- Supports two lines RTSP
- Voice broadcast IP address
- Button or remote volume adjustment
- Switch signal input and output
- Talkback recording output
- Hands free talking
- Default auto answer
- Dynamic multicast function
- Supports DC or POE power supply
- Support for Function key interface
- Support monophonic active speakers
- Network time synchronization
- Action URL / Active URI remote control

### Audio

- Narrowband speech coding: G.711a / u, G.723.1, G.726-32K, G.729AB
- Broadband speech coding: G.722
- Half Duplex Echo Cancellation (AEC)
- DTMF: In-band, out-of-band DTMF (RFC2833) / SIP Info

### Networking/Protocols

- Supports PoE (802.3af)
- Primary and secondary DNS servers are supported
- Support VLAN
- Supports SNTP Client
- Support VPN L2TP / PPTP / IPSec
- Supports SRTP
- Support for HTTP/HTTPS Web page
- Support Qos: 802.1p / q, DSCP
- Support MD5 authentication
- Supports Web Filter
- DHCP / static / PPPoE
- STUN

### Physical Specifications

- 2 RJ45 interface:  
Yellow: WAN port 10 / 100M adaptive, support POE  
PoE: 802.3af (Class 3: 6.49 ~ 12.95W)  
Black: LAN port (Only connected to the original camera)  
Cable: Super five lines or better • Numeric keypad
- 1 blue indicator (SIP status and network status)
- 2 volume plus or minus keys
- 1 restore factory settings key
- 1 recording output interface:  
3.5mm standard audio interface
- 1 ground screw
- 1 way passive speaker interface:  
Output power: 4Ω, POE / 8W, 12V / 10W, 18V / 20W, 24V / 30W; related to supply voltage.  
Wire diameter: 18 AWG or larger diameter  
Interface: Pluggable terminal block
- 1 headset speaker:  
interface: Pluggable terminal block
- 1 DSS key interface (4 lines):  
Indicator: Positive 5.0V output  
Interface: pluggable terminal block
- 1 way microphone input interface:  
Recommendation: Use an electret condenser microphone  
Sensitivity: -38dB, bias voltage 2.2V
- 1 short circuit input and output  
interface (built-in relay): Relay: MAX DC30V / 1A, AC125V / 0.5A, Interface: pluggable terminal block
- 2 parallel power input interface:  
12V-24V / 2A DC 1 road for the 5.5mm  
DC power seat 1 road way 2Pin, pluggable terminal block
- Standby power consumption: to be determined
- Housing material: aluminum alloy shell
- Installation: Indoor installation
- Working Temperature: -30~70°C
- Storage Temperature: -40~70°C
- Working Humidity: 10~95%
- Device Dimension: 113 x 82 x 28mm
- Package size: 138 x 108 x 77mm
- Device Weight: 250g

The above specifications may be updated in the future without prior notice. All hardware/software/physical features should be based on the final shipped products. Customers should consult VOPTech's retailers, distributors,

### Compatibility

