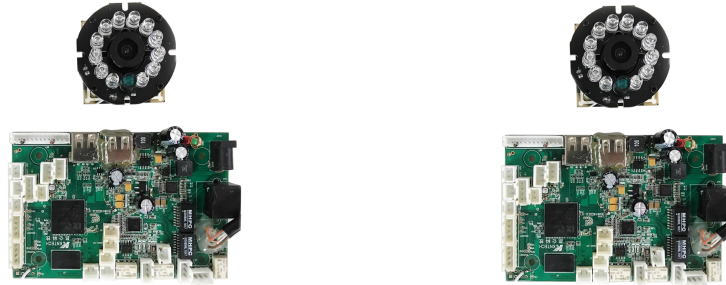



SIP Video PCB board KN519A



Working at -40°C - $+70^{\circ}\text{C}$ hazardous pure industrial environment
4 ~100 I/O output and input for external control
Support WAN/LAN, Duplex Intercom, Echo Cancellation, Upgrade Online
With Camera optional
With TFT display and Camera optional
Web page up to 50+ IP station group/direct call without IPPBX
Adjustable sound volume
IP address Sound reporting or LCD display
Door phone RFID card reader available upon request
Board cast amplifier for paging option
CCTV trigger available
SIP 2.0 and private protocol
5 years warranty



Model	KN519A-A	KN519A-B	
Construction	Industrial Grade PCB board	Industrial Grade PCB board	
Dimensions(W*H*D)	106*67*15mm	106*67*15mm	
Weight	0.43lbs(0.2kg)	0.43lbs(0.2kg)	
Operating Temperature	-40°F to +158°F/ -40°C to +70°C	-40°F to +158°F/ -40°C to +70°C	
Relative Humidity	Up to 95% non-condensing	Up to 95% non-condensing	
Protection	Water-proof, Dust-proof, Oxidation-proof	Water-proof, Dust-proof, Oxidation-proof	
Communication	Full duplex 2-way hands-free communication	Full duplex 2-way hands-free communication	
Call Control Signaling	SIP(RFC compliant), SIP Info(DTMF), RFC 2833(DTMF)	SIP(RFC compliant), SIP Info(DTMF), RFC 2833(DTMF)	
Audio Codes	G.711, G.722, G.729	G.711, G.722, G.729	
Camera	Image Sensor	OV9712	OV9712
	Total Pixels	720P(1280*720)15fps	240P 5fps
	Min. illumination	0.1lux	0.1lux
	Field of view	150° horizontal Opposite angles 170°	150°horizontal Opposite angles 170°
	Lens	2.75mm	2.75mm
	Framerate	15fps, 30fps,MJPEG, H.264	5fps, MJPEG, H.264
	Streamine	Dual-stream at different frame rate and bandwidth	Dual-stream at different frame rate and bandwidth
	ONVIF compliant	Yes	Yes
Power	Power over Ethernet, IEEE802.3af, Class 0 Local power, 12Vdc,Idle 2W, Max 10W	Power over Ethernet, IEEE802.3af, Class 0 Local power, 12Vdc,Idle 2W, Max 10W	
Auxiliary Contacts	1 Aux Output, dry contact Contact Ratings Load: Resistive load Rated load:0.3 A at 125 VAC; 1 A at 30 VDC Rated carry current:1A Max.switching voltage:125 VAC,60VDC Max.switching current:1A	1 Aux Output, dry contact Contact Ratings Load: Resistive load Rated load:0.3 A at 125 VAC; 1 A at 30 VDC Rated carry current:1A Max.switching voltage:125 VAC,60VDC Max.switching current:1A	
Network	10/100 BaseTX Ethernet, RJ45 connectors, Cat5e or better	10/100 BaseTX Ethernet, RJ45 connectors, Cat5e or better	
IP Protocols	IPv4, TCP, UDP, TFTP, RTP, RTCP, DHCP, SIP	IPv4, TCP, UDP, TFTP, RTP, RTCP, DHCP, SIP	
LAN Protocols	Power over Ethernet(PoE,802.3af), WLAN(IEEE 802.3af), Network Access Control(IEEE 802.1x),STP(IEEE 802.1d), RSTP(IEEE 802.1d-2004)	Power over Ethernet(PoE,802.3af), WLAN(IEEE 802.3af), Network Access Control(IEEE 802.1x),STP(IEEE 802.1d), RSTP(IEEE 802.1d-2004)	

Programming	Non-volatile flash memory programming and configuration through Web GUI	Non-volatile flash memory programming and configuration through Web GUI
Management and Operation	DHCP and static IP, remote automatic software upgrade, centralized monitoring, status LED	DHCP and static IP, remote automatic software upgrade, centralized monitoring, status LED
Echo cancellation code	G.167/G.168	G.167/G.168
RFID 	/	/

WIFI SPECIFICATION	
Memory	64MByte DDR2
Flash	4MByte
Connection	1 x Reset button(Reset & Factory Defaults)
	2 x 10/100
	1 x Power DC Jack
Data rate	11b: 11M,5.5M,2M,1Mbps
	11g: 54M, 48M, 36M, 24M, 18M, 12M, 9M, 6Mbps
	11n: 6.5M, 13M, 13.5M, 19.5M, 26M, 27M, 39M, 40.5M, 52M, 54M
	58.5M, 65M, 81M, 108M, 121.5M, 135M, 150Mbps
Transmission mode	DSSS
Standard	IEEE802.11n,IEEE802.11g,IEEE802.11b,IEEE802.3U
Frequency domain	2412—2472MHz
Protocols	CSMA/CA,TCP/IP,DHCP,HTTP,TELNET,TFTP,ICMP
power consumption	<5W
Power supply	12V/1A

Camera Picture:

