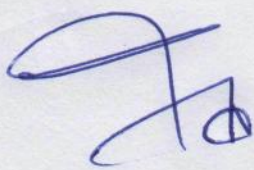


PUBLIC Address Systems

SNO	<i>Items</i>	<i>QTY</i>
1	<p>IP Network PA System Software</p> <p>Descriptions:</p> <ul style="list-style-type: none"> * Compatible with Windows 2000, Windows XP and Windows 7 operation system * Full duplex communication system software * Compatible of network audio system and intercom two systems * Standard TCP/IP communication protocol for industrial applications * Parameters set up center and administrator management center * Built-in decoder to transfer analog signal through sound card into digital * Head of the network audio system * Collect and delivery sound over the internet * Built-in weekly timer to program over music or sound files to automatically broadcast to designated zone at pre-set time * Built-in system status display to surveillance each unit is working conditions * Direct manual selected priority music broadcast or zone paging * License code registration software * Password protection to change configuration and log in * Remote set up and easy maintenance * Support more than 1,00 tasks transmitted simultaneously * Nine priority levels for different users 	01



	<p>* Customized-mapped connection diagram is available</p> <p>*Easy to inter-work with third party system like CCTV, door access system and home automation system</p>																											
2	<p>Rack Mount Network Audio Adapter with RMS 240W power amplifier, LAN CAT5 cable system</p> <p>Descriptions:</p> <p>* IP network audio adapter built-in digital class-D 60W, 120W, 240W & 350W amplifier. * Direct to receive internet audio source and transmit to 70V, 100V and low impedance loudspeakers. * Non-dedicated network system solution. * Could be installed anywhere of the LAN network. * Economy network audio solution for multiple speaker applications. * With 3.4 inch LCD screen humanized operation interface. * Zone definition is done through software, each network audio adapter could be regard as one zone, or several audio adapters could be taken as one zone, moreover, several zones could be defined as group for synchronous operation. * One Aux input and one local microphone input, both with volume control. * A remote control over IP address change and write in, volume control and local program selection from server. * Voice evacuation system with higher priority and local input with secondary priority. Moreover, the local input and program source priority could be customized.</p>	01																										
3	<p>Network Paging Microphone with 7inch Touch Screen</p> <p>Descriptions:</p> <table border="1"> <tr> <td>Network Input</td> <td>Standard RJ45</td> </tr> <tr> <td>Communication Protocol</td> <td>TCP/IP, UDP, IGMP(multicast)</td> </tr> <tr> <td>Audio Format</td> <td>MP3/MP2</td> </tr> <tr> <td>Sampling Rate</td> <td>8K~48KHz</td> </tr> <tr> <td>Transmission Speed</td> <td>100Mbps</td> </tr> <tr> <td>Audio Mode</td> <td>16 digit stereo CD sound quality</td> </tr> <tr> <td>Screen Size</td> <td>7 inch</td> </tr> <tr> <td>Screen Resolution</td> <td>800 x 480 pixel</td> </tr> <tr> <td>Screen Type</td> <td>65 k color DGUS screen</td> </tr> <tr> <td>Keyboard Types</td> <td>Virtual QWERTY keyboard</td> </tr> <tr> <td>keyboard Entry Method</td> <td>Touch</td> </tr> <tr> <td>Rated Power and Impedance of</td> <td>4 ohm , 2W</td> </tr> <tr> <td>Build-in Speaker</td> <td></td> </tr> </table>	Network Input	Standard RJ45	Communication Protocol	TCP/IP, UDP, IGMP(multicast)	Audio Format	MP3/MP2	Sampling Rate	8K~48KHz	Transmission Speed	100Mbps	Audio Mode	16 digit stereo CD sound quality	Screen Size	7 inch	Screen Resolution	800 x 480 pixel	Screen Type	65 k color DGUS screen	Keyboard Types	Virtual QWERTY keyboard	keyboard Entry Method	Touch	Rated Power and Impedance of	4 ohm , 2W	Build-in Speaker		01
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	THD	=<1%	
	Frequency Response	80Hz~16KHz +1dB/-3dB	
	S/N Ratio	>68dB	
	Rated Power and Impedance of PHONE OUT	32 ohm , 20mW	
	Level of LINE OUT	1000mV Industry-standard voltage wire terminals	
	Output Impedance of LINE OUT	470 ohm	
	Input Sensitivity of LINE IN	350mV Industry-standard voltage wire terminals	
	Input Sensitivity of MIC	10mV	
	Short-circuit input	Dry contact input	
	Short-circuit Output	Max 3A/120V Dry contact	
	Working Temp	5 °C~40°C	
	Humidity	20%~80% Relative humidity, without condensation	
	Power Consumption	=< 6W	
	Power Supply	DC24V	
4	IP POE Indoor Wall mount speaker 8W		01
5	Outdoor Paging Horn Speaker, 15W-30W, 100V, IP66, ABS body, metal bracket		01
6	IP network active outdoor waterproof column speaker 2x4", 30W 8Ω		01
10	Multi Format USB + CD+ Tuner Player		01
11	42 U , Imported Rack with Glass Door & Fans		01
12	2.5 MM , Pakistan Cable Wire , Flexible, PVC/PVC for speaker for Evacuation system and 1.5 MM , 2 Core Pakistan Cable Flexible PVC/PVC for internal Speaker in PVC conduit, as per actual		01 Meter
13	CAT 5/6 , STP Cable , twisted pair Standard , branded		01 Meter

14	Supply / Installation / Testing & commissioning of all mentioned system with principal authorized / certified engineer with software training	01 job
15	Civil work including digging, Back Filling etc.	01 Meter
16	<p>POE Switch 8-Port 10/100 with Gigabit Uplink Port</p> <ul style="list-style-type: none"> • 8 PoE Ports + 1 Gigabit Uplink Port • Layer-2 industrial POE switch • MAC auto study and aging, MAC address list capacity is 8K • Support IEEE802.3af, IEEE802.3at standard • Conform IEEE802.3, IEEE802.3u, IEEE802.3ab/z and IEEE802.3X standards • Industrial wide temperature design 	01
17	<p>POE Switch 4 Port 10/100 Mbps with Gigabit Uplink Ports</p> <p>Specifications:</p> <ul style="list-style-type: none"> • 4 POE Ports + 1 Gigabit Uplink Port • Layer-2 industrial POE switch • MAC auto study and aging, MAC address list capacity is 8K • Support IEEE802.3af, IEEE802.3at standard • Conform IEEE802.3, IEEE802.3u, IEEE802.3ab/z and IEEE802.3X standards • Industrial wide temperature design 	01
18	<p>Layer 2 Full Gigabit industrial Grade Fiber Combo Switch</p> <p>Support Both Ring & Star Network</p> <p>Specifications:</p> <ul style="list-style-type: none"> • 16 dedicated SFP Fiber Ports • 8 Combo Gigabit Ports • Support VLAN, Link Aggregation, Port Management, • STP/RSTP/ERPS, IGMP, Static IP Routing 	01

	<h2>L2+ Managed Switch</h2>	
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- > Powerful Processing Capacity
- > Perfect Security Control Strategy
- > Perfect Reliability Protection Mechanism
- > Convenient Management and Maintenance