

# IP PA SYSTEM

P PA SYSTEM	3	C Dashboard / Monitor					🍥 🛪 x 💿
Dashboard	~	PJSIP Extension	SIP Trunk		IAX2 Trunk	21	alog Trunk. 2
	^	2/21	1/1		1/1	21	2
	~	CPU	© Curr	ent calls		Memory	
	*	100 %	100				
	~	80 %	80			Free	
	~	60 %	60				
	~	40.5	40				Used
	*						
		20 %	20			Cached	
	*	0 % 15:01:25 15:01:40 15:01:55 15:02:10 15:02:1	15 15:02:40 15:02:55 15:0	1.25 15:01:40 15:01:55 15:0	12:10 15:02:25 15:02:40 15:02:5	δ	
	*	Call Statistics	Stor	age		System Info	
	~	14	6 GB			Model	CooVax-T100/T100S
		12	5 GB			Device Name	IP Phone System
		10	4 GB			WAN IP	192.168.17.147
						WAN MAC	68:69:11:22:33:44
		1	3 GB			LAN IP	192.168.10.100
		6	2 GB			LAN MAC	68 69 2E 22 33 44
		4	1 GB	-			
		2,00.00 00:00 06:00 09:00 12:00 15:	0 18:00 21:00 0 B	System			

MS-50

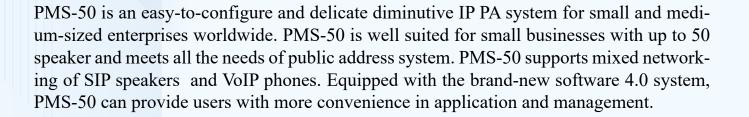


<sup>?</sup>DASSCOM

"Driving Productivity Through Unified Communication Solutions"



# PMS-50



## Feature Highlights

## **Operator Panel**

The Operator Panel is a comprehensive software specially designed for the PMS series of IP PA. By using the Operator Panel, users can achieve features such as live paging, emergency paging, high-quality background music, scheduled paging, scheduled music, etc.

#### **Remote Management System**

The control center can manage each authorized IP PA in a unified manner through the remote management system, realizing remote switching off equipment, viewing real-time data, and collaborative user troubleshooting.

### **3rd Party Compatible**

In addition to the built-in phone system functions, PMS-50 is also compatible with third-party SIP systems, including standard SIP endpoints, CRM systems, and collaboration tools to expand the existing IP voice communication funtion

PBX Panel	😵 Dial 💿 Play	• Intercom	Page Stop								- ♂ ×
											Select All
	e 101 speaker2	• 102 speaker3	• 103 speaker4	104 speaker5	• 105 speaker6	• 106 speaker7	• 107 speaker8	• 108 speaker9	• 109 speaker10	• 110 110	Running Task List
	• 111 111	• 112 112	• 113 113	• 114 114	• 115 115	• 116 116	• 117 117	• 118 118	• 119 119	• 120 120	
	• 121 121	• 122 122	• 123 123	• 124 124	125 125	• 126 126	• 127 127	• 128 128	• 129 129	• 130 130	
20	• 131 131	• 132 132	• 133 133	• 134 134	• 135 135	• 136 136	• 137 137	• 138 138	• 139 139	• 140 140	
	• 141 141	• 142 142	• 143 143	• 144 144	• 145 145	• 146 146	• 147 147	• 148 148	• 149 149	• 150 150	Upcoming Task List
	• 151 151	• 152 152	• 153 153	• 154 154	• 155 155	• 156 156	• 157 157	• 158 158	• 159 159	• 160 160	
•	• 161 161	• 162 162	• 163 163	• 164 164	<ul> <li>165</li> <li>165</li> </ul>	• 166 166	• 167 167	• 168 168	• 169 169	• 170 170	
	• 171 171	• 172 172	• 173 173	• 174 174	• 175 175	• 176 176	• 177 177	• 178 178	• 179 179	• 180 180	
	• 181 181	• 182 182	• 183 183	• 184 184	• 185 185	• 186 186	• 187 187	• 188 188	• 189 189	• <b>190</b> 190	Trigger Task List
	• 191 191	• 192 192	• 193 193	• 194 194	• 195 195	• 196 196	• 197 197	• 198 198	• 199 199	• 200 200	
	• 201 201	• 202 202	• 203 203	• 204 204	• 205 205	• 206 206	• 207 207	• 208 208	• 209 209	• 210 210	



## Software Specifications

PA Features	<ul> <li>PA Zone</li> <li>Groups</li> <li>Background Music</li> <li>Task</li> <li>Scheduling</li> <li>Call Transfer</li> <li>Call Waiting</li> <li>Speed Dial</li> <li>IVR (Multi-layer</li> <li>Voicemail</li> <li>Voicemail</li> <li>Wakeup Call</li> <li>Do Not Disturb</li> <li>Time Conditions</li> <li>Paging &amp; Intercom</li> <li>Caller ID</li> <li>Video Call</li> <li>Conference Call</li> </ul>					
Protocols & Codecs	<ul> <li>SIP(RFC3261), IAX2</li> <li>DTMF(RFC4733, SIPINFO,In-Band)</li> <li>Transport Protocols:UDP,TCP,TLS,SRTP</li> <li>Network Protocols:IPv4, IPv6, VLAN, DHCP, PPPoE, DDNS, NTP, SNTP, TFTP, SSH, HTTPS, LDAP</li> <li>Video Codecs:VP8,H.264,H.263+,H.263,H.261</li> <li>Audio Codecs:Opus, G.722, G.711(a-law,u-law), G.729, G.726, GSM, SPEEX,AMR,AMR-WB</li> </ul>					
System Capacity	<ul> <li>50 Users</li> <li>50 Zone <ul> <li>Announcement</li> </ul> </li> <li>400 hrs Recording <ul> <li>(Internal Storage)</li> </ul> </li> <li>Unlimited SIP/IMS Trunks <ul> <li>(Max)</li> </ul> </li> <li>ITB USB Expansion Storage</li> <li>Maximum 30 Paging Groups</li> </ul>					
Feature Highlights	<ul> <li>IP Phone Auto Provisioning (PNP &amp; Quick Register Code)</li> <li>SIP Proxy (NAT Traversal)</li> <li>Open API Interface for Seconda Development to Connect with 3rd Systems</li> <li>Multilingual Interface: Simplifed Chinese, Traditional Chinese, English, Spanish, Czech, Korean</li> <li>Multilingual System Voice: Chinese, English, Spanish, French and other 24 languages</li> </ul>					
Multi-level User Administration	<ul> <li>Admin user: All Privileges</li> <li>Operator user: Extensions, , CDR, recordings, etc.</li> <li>Operator panel user</li> </ul>					
Security	<ul> <li>Firewall based on iptables</li> <li>Geo-IP (Security policy based on IP address geographical locations)</li> <li>Intrusion auto detection and prevention</li> <li>IP Black/White List</li> <li>Extension Permit IP</li> <li>Data Backup and Recovery</li> </ul>					
Network Features	<ul> <li>Network (WAN): Static IP, DHCP, PPPoE</li> <li>VPN:PPTP, OpenVPN,</li> <li>Static Routing</li> <li>DHCP Server</li> <li>VLAN (WAN&amp;LAN Interface)</li> <li>Virtual IP</li> <li>SIP Proxy (NAT Traversal)</li> </ul>					



	Applicat	ion Scenarios	
Restaurant	Venue	Retail Store	Mine
Financial Institution	Factory	Warehouse	National Park

Hardware Specifications

	Specifications
CPU	ARM 4 Core
RAM	1GB
Storage (SD Card)	8G SD Card (Industrial grade)
USB (Extended Storage Supported)	1 Port (File system format : FAT16, FAT32, EXTFAT, NTFS, EXT3, EXT4)
Ethernet Interface	WAN, LAN (10/100Mbps)
Console Port	1 Port (Rate 115200)
Reset Key	Support
Power	DC 12V-1A



