



<http://www.algosolutions.com/paging>  
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## Algo IP Paging vs. Analog

Features	Benefits	Algo IP	Analog
<b>Web Configuration &amp; Central Provisioning</b>	<ol style="list-style-type: none"> <li>1. Less time to deploy, provision &amp; troubleshoot.</li> <li>2. Minimal touch endpoint appliance lowers cost of ownership for improved ROI.</li> </ol>	✓	✗
<b>Network Supervision</b>	SNMP support to monitor endpoint registration.	✓	✗
<b>G.722 Wideband</b>	Higher intelligibility & greater clarity of voice page announcements. Will meet STI-PA requirements of NEMA SB40 and other regulations for speech intelligibility.	✓	✗
<b>Ambient Noise monitoring</b>	Automatic volume control using built-in speaker microphone measuring background noise.	✓	✗
<b>Multiple Extension Registration Options</b>	Multiple Ring (10) & Page (50) extensions are available to register in Algo speaker & paging adapter endpoints to support voice paging, loud ringing, & emergency/safety/security notification & alerting.	✓	✗
<b>Multicast &amp; Page Zones</b>	<ol style="list-style-type: none"> <li>1. Via the IP network, simultaneously activate any number of Algo audible &amp; visual endpoints in a Master/Slave configuration.</li> <li>2. No limit to scale of solution over LAN/WAN to cover any size room, building, campus or enterprise.</li> <li>3. Minimized SIP licensing to only the Master endpoint registered to the communication server.</li> <li>4. No paging server or PC-based software required. Multicast capability inherent within the endpoint appliance. Minimized BOM &amp; simplified hardware requirements.</li> <li>5. Multicast support for RTP and Polycom Group Page to transmit page audio across telephones and Algo speakers &amp; paging adapters simultaneously.</li> <li>6. Simple web configuration to group any number of IP endpoint (speakers, strobes, paging adapters &amp; telephones) into Page Zones. Easily re-configure page zones as requirements change without having to re-wire speakers.</li> <li>7. Small to large page zones easily accommodated, allowing for paging to specific speakers if desired. No limit to zoning options.</li> </ol>	✓	✗
<b>Talkback Speakers</b>	Built-in speaker microphone to support talkback during page call.	✓	✓

<b>Features <i>continued</i></b>	<b>Benefits</b>	<b>Algo IP</b>	<b>Analog</b>
<b>Firmware Upgradeable</b>	Easily upgrade endpoint via the network. Minimal touch endpoint appliance.	✓	✗
<b>Consolidated Single Source Solution</b>	Paging system can be complemented to include strobe lights, push buttons, & scheduler for automated bells/announcements for expanding alerting & notification options. In addition, paging adapters are available for analog speaker/amplifier integration or playing music.	✓	✗
<b>PoE</b>	Convenience of integrated power via network switch (802.3af).	✓	✗
<b>Wiring</b>	One wiring infrastructure (CAT5/6).	✓	Separate
<b>SIP</b>	Open standard protocol supported on all VoIP communication platforms (hosted/cloud or premise PBX).	✓	N/A