

Enterprise IP Solutions

OfficeServ 100 System Specification

Category		Single Cabinet	Single Cabinet + A Rack	Single Cabinet + B Rack
Standard	E1	-	96	88
	8TRK	42	66	58
Analog	LOOP	24	48	40
	E/M	12	24	20
Digital	T1	-	23	23
	E1	-	30	30
General Phone		26	50	42
Digital Phone		40	40	40
IP Phone		64	64	64
WIP-5000M		64	64	64

* If you want to use both IP Phones and WIP-5000M together, you can use maximum 64 phones in total of both of them.

* If you want to use both General Phones and Digital Phones together, you can use maximum 40 phones per one cabinet in total of both of them.

OfficeServ 100 Diagram



www.samsungnetwork.com



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SAMSUNG

**Optimized Enterprise IP Solution
for medium-sized organizations**



Enterprise IP Solutions

OfficeServ 100

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Optimized Enterprise IP Solution for medium-sized organizations

Experience enhanced business competitiveness

Samsung is a leading supplier of the latest voice and data communications solutions. Benefiting from the support and synergy offered by one of the world's most respected electronics organizations, we supply our customers with a total solution to fulfill their data and voice communications requirements, all from one source.

Samsung's expertise in wireless communications, digital technology, and core networks, combined with IP Technology, has produced the OfficeServ, IP based wired and wireless convergence solution. OfficeServ is at the forefront of the communications revolution, with innovative Enterprise IP solutions that create a synergy between your voice and data networks, opening up opportunities for greater commercial success and lowering communication costs.

OfficeServ 100, the competitive power for future network business

OfficeServ 100 has everything you need to take your business to the next level. With cutting edge networking capabilities, you can link a remote location to operate transparently as a single entity. VoIP offers state-of-the-art convergence technology that allows you to make voice calls over your existing intranet. Features like CTI, ACD and so much more. Best of all, with the OfficeServ 100's scalable architecture, you don't need to make a big investment now to be prepared for tomorrow's growth.

Multi-site networking solution

OfficeServ 100 uses an international, open protocol(Q-sig), which enables compatible telephone systems to be integrated across multiple locations and create a high level of feature transparency. As such you can link OfficeServ 100 to other existing legacy systems, so you don't necessarily need to invest in new technology across all sites.

OfficeServ 100 also allows all users to benefit from the cost effective sharing of selected features across the network. They can access centralized functionality - from simple call forwarding and transfers to advanced features such as operator services, voice mail, automated attendant and ACD across connected sites.

Branching out with VoIP

The Internet is revolutionizing the way business operates, opening up a whole world of information and opportunities. OfficeServ 100 is at the forefront of this communications revolution, providing Voice over Internet Protocol (VoIP) functionality. And the OfficeServ creates more effective applications with IP technologies and reduces the ongoing costs of call traffic between linked sites.

Enterprise IP Solutions

OfficeServ 100

Advanced communication solutions

A host of sophisticated standard and optional features are available for OfficeServ 100 to ensure that you maximize the potential of your communications solution. With simple access to features via desktop terminal or PC applications, each individual user can quickly and easily reap the benefits of OfficeServ 100's comprehensive functionality.

System Management

OfficeServ 100 provides a comprehensive variety of management data, including cost reports and full details of inbound and outbound calls. Systems can be programmed to restrict certain types of calls, helping to eliminate usage can be generated which can be used to monitor your system and fine-tune the way it is used by staff. A well-configured system will streamline communications and reduce overall costs.

Virtual port

OfficeServ 100 provides a Virtual port. This Virtual port is not connected to a physical cable, but has its own phone numbers and functional settings. Virtual port can be used as the parameter port for call transfer in CTI Applications such as the Internet Call Center(ICC), and can exchange saved information with real phones using the set relocation feature to implement a mobile office.

WAN / LAN Functions

The WAN and LAN interface modules are installed in OfficeServ 100; thus data can be sent / received via the interface of the 10/100 base T Ethernet through the Intranet and via the Internet without the need for any additional data equipment.

Wireless LAN, Mobility in your office

OfficeServ WLAN liberates you from the confines of your office and provides you with significant cost efficiencies because the qualified voice and data service of OfficeServ WLAN removes needless cabling and maintenance. With its support for the WIP-5000M WLAN phone, OfficeServ provides full voice-data convergence not only for fixed network connections but also on Corporate Wireless LANs. Samsung's Enterprise IP Solution gives you the freedom to run high bandwidth wireless data applications along with a superior quality voice service on the same network.

OfficeServ 100 uses both standard Access Point and combined Access Point, which offers services by separating the data from voice, and supports handoff and QoS.

Simple and slim design digital phone and IP phone

OfficeServ 100 supports user-friendly designed digital phone, IP phone and WLAN phone. To help you take advantage fully of the features within the OfficeServ 100, OfficeServ phones have LCD screens and navigation buttons.

WIP-5000M

- IEEE 802.11b, SIP Protocol
- Voice Codec : G.711 / G.729A
- Size : 125(W) × 43(L) × 19(H)mm
- Weight : 95g
- Battery : 3.7V Li-Ion / 1000mA
- Talk Time : 2.5 hour
- Standby Time : 25 hour



WBS24

- Hand-off
- Power feeding (Combo Type)
- Wireless Standard : IEEE 802.11b
- Ethernet : 10/100 Base-T



Maximum Capacity	Maximum 68 Station Ports
	Maximum 78 Trunk Ports
	Maximum 64 IP Phones
	Maximum 64 WIP Phones (Basic)
	Maximum 32 WIP Phones (Combo)
	Maximum 12 Wireless APs (Basic)
Trunk card	3TRK, 6TRK, 8TRK, TEPRI, PRI, 2BRI, 4BRI
	Station card
Service card	MGI3, SVMi-4, SVMi-8, MISC3(4)
Data	LAN(10/100 Base-T Ethernet), SIO(1 Port)
Interface	LAN, Modem(56Kbps), CTI(TAPI), WLAN Access Point
AC Input	AC : 110 / 220V, 50Hz, 3.0A
	DC : +5V, -55V
CPU	MCPI : MPC 855T / 50MHz / 32bit
	Base : MC68EC000 / 16MHz / 16bit
Size	1 Rack : 365(W) × 464(H) × 148(D)
Weight	1 Rack : 7.5kg

