

Samsung OfficeServ Wireless IP

– Ready for action, ready for business

Wireless where you want it

The Samsung Wireless IP solution let's you use mobile data devices like laptops, and PDA's as well as mobile Wi-Fi handsets on the same wireless network. Now you can stay in touch wherever you are, no longer tied to your desk, waiting for that important call. Ideal for senior managers and mobile employees, you are more in touch with your business, more responsive to customers and, if needed, your office calls can be more discrete.

Samsung access points expand the reach of your voice and data communication systems and are used in conjunction with the award-winning OfficeServ system. The Samsung Wireless IP handsets are fully integrated extensions of the host system and deliver all of the features and functionality your business requires. In addition they also provide functionality normally associated with a mobile phone, with a large screen, internal number memory, called number list, calendar function campus mobility, stylish design and much more. The access points also provide Wi-Fi connectivity for data devices to enterprise IT systems like email, database systems and Internet services.

Voice and data on one network

Wireless IP networks are now a common feature in many business premises as well as homes, they bring with them a great deal of freedom to users who can get network connectivity without having to be close to a traditional network socket.

Samsung understands that voice is a mission-critical application and that voice quality is a basic requirement. The OfficeServ Wireless IP delivers a no-compromise voice quality solution, sharing the network bandwidth with the organisation's data applications, but managing the bandwidth so that calls get the voice quality they require no matter what other demands are placed on the network.



Access Points

The Samsung Wireless IP solution uses the industry standard IEEE802.11b for the air interface, this allows the users to connect any compatible data equipment to their network through the Samsung access point.

WIP5000M

These stylish business handsets deliver the full range of OfficeServ features using the same user interface available with Samsung's other DS5000 desktop handsets.

The Samsung Wireless IP solution is an integral part of the OfficeServ architecture, within which, there is a solution size to most efficiently meet your business needs. The capacity of each system is shown in the table overleaf: (IP Feature Specification)



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IP Feature Specification

IP Options	Maximums and features supported			
	OfficeServ 12	OfficeServ 100	OfficeServ 500 M	OfficeServ 500 L
System				
Maximum number of MGI cards per system	1	3	6	20
Maximum number of IP Channels	4	48	96	320
Maximum number of Access Points	3	16	40	80
Maximum number of IP Handsets	4	64	120	240
Maximum number of Wireless IP Handsets	4	64	120	240
Common features				
	Time Zone setting			
	Direct Media			
CODEC used	G711, G723a*, G729 & T.38*			

Note – On the OfficeServ500 and OfficeServ 100, the maximum capacity of WIP5000M supported is affected by additional ITP handsets connected.

Handset Specification

Features	
Context-sensitive menu interface	Call history log – 32 each
Common menus to other DS5000-series telephone sets	100 speed dial records
Intercom Call	Large LCD screen
Incoming Call	Backlit screen
Outgoing Call	Screen contrast control
Busy Call Back	Headset connector
Busy message	10 ring tones
Busy camp on	Vibration alert
Call Hold	Navigation button
Call Transfer	Key pad lock
5-party conferencing	Alarm function
Microphone Mute	Message indication
Phone Book	Signal strength indication
Scheduler	Warning tone on low signal during a call
Calculator	Battery status
World Time	Do Not Disturb 128 bit WEP encryption
Station Message	Paging access Static or DHCP IP configuration
IEEE 802.11b	Conference Configurable idle screen style
3 phonebook levels	Station Lock 32 number outgoing call log
Paired extensions	2.5 hours talk time 32 number incoming call log
Dynamic (DHCP) or static IP addresses	25 hours standby time

Access Point Specification

Features
Support of IEEE802.11b Wireless IP standard
Handover control of Samsung handset (100ms typical)
128 bit Wireless Encryption Protocol (WEP) data encryption
Beaconing signal disabled
Selectable transmission channel
Supports Power Over Ethernet (PoE)
Selectable Extended Service Set Identification (ESSID)

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