

DiscusTM Windows **Dual Mode Smartphone DP-SW20**



Pirelli's DP-SW20 is a compact smartphone combining quad-band GSM and VoWLAN telephony based on the SIP standard in a single device.

- Dual Mode Phone (Wi-Fi/GSM)
- Windows Mobile
- GSM Quad-band (850/900/1800/1900MHz)
- Wi-Fi 802.11b/q
- SIP VoIP
- Internet Browser, SMS, MMS, **WAP, E-mail, Java**
- OTAP and Remote Management

The DP-SW20 Pirelli Discus™ Dual Mode Phone is a compact smart-phone combining quadband GSM and Voice over WLAN (VoWLAN) telephony based on the SIP standard in a single device.

Based on the powerful Windows Mobile operating system, the DP-SW20 offers the convenience of a whole range of applications such as SMS, MMS, Outlook e-mail, Tasks and Calendar management. Internet Explorer Browsing, MSN messaging, Voice Recorder and a number of utilities offered by the Windows environment.

When at home, in the office, or under a hotspot coverage, the DP-SW20 allows to leverage on a Wi-Fi connection, making voice and data services available at a higher speed and at lower cost.

> The DP-SW20 is designed and qualified to operate in a multi-vendor, standardsbased environment.

It also features Pirelli's software enhancements on Quality of Service, manageability

and advanced Fixed Mobile Converged services, such as Voice Call Continuity. Moreover, the DP-SW20 can seamlessly integrate within Pirelli's technology bundle for quadruple play services, which comprises:

- Pirelli's Multiplay Access Gateways, serving as multiservice routers with advanced MIMO WLAN capabilities specifically enhanced for VoIP and video-streaming applications over WiFi.
- Pirelli's AWR WLAN extender. a self-configuring Wi-Fi repeater supporting extended indoor coverage and seamless WLAN roaming
- Pirelli's DuMan Management System, an application allowing Over The Air (OTA) remote provisioning and firmware upgrade to streamline service delivery and customer support tasks for VoWLAN services based on dual mode handsets

Features subject to change - not contractually valid unless specifically authorized by Pirelli

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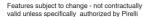
- Internet Browser, SMS, MMS, WAP, E-mail, Java
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Operating System	Windows Mobile
Cellular Protocols / Bands	GSM Quad/Band 850/900/1800/1900MHz GPRS Class B, multi-slot class 10
WLAN Features	Wi-Fi 802.11b/g, 2.4GHz
	WEP, WPA-PSK TKIP, WPA2-PSK AES
	EAP-TLS/SIM/PEAP
	Fast AP Roaming
	WME QoS
	VPN
VoIP Codec	G.711, G.729 a/b
Form Factor	Bar Type (107x45x16 mm)
LCD Displays	1 Main display 1.9" QCIF- TFT, 240x320p, 262K color depth
Camera	1.3M pixel VGA - Camcorder
Applications	SMS
	MMS 1.2
	WAP 2.0
	JavaVM
	Active Sync
	Internet Explorer
	MSN
	E-mail (Outlook email, POP/SMTP, push email
	Windows Media Player: (MP3, wmv, MPEG4) - QCIF
	Voice recorder
Ring-tones formats	Midi, wav, mp3, AAC, AAC+
Connectors/Slots	Charging & data transfer
	Earphone Jack: for wired stereo headset
	MicroSD connector
Games	2 games (excluded Java Game)
Language	English / Italian
Configurability and Provisioning	OMA OTA
Regulatory Conformance	CE mark
	European Regulatory R&TTE directive:
	• EN 301 489-1/-7(GSM EMC)
	• EN 301 489-17(WLAN EMC)
	• EN 301 511(GSM RF) • EN 300 328(WLAN 802.11b/g RF)
	• EN 60950(Safety)
	• EN 50360/50361(SAR)
Sales Package	• 1x Dualphone DP-SW20
Caree , ackage	1x Headset with earphone/microphone
	1x Li-lon Battery
	1x travel charger with mini-USB plug
	• 1x mini-USB cable
	Optional:
	1x CD with PC utility













• 1x User manual