

Discus™ 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/g**
- **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 quad-band 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, standards-based 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

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Feature Description	
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 • 1x Headset with earphone/microphone • 1x Li-Ion Battery • 1x travel charger with mini-USB plug • 1x mini-USB cable Optional: • 1x CD with PC utility • 1x User manual

