



VVX D230 DECT IP Phone

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Product Overview

The VVX D230 DECT IP phone is a standalone, SIP-based wireless phone that enables you to manage calls to your line at any time while you are away from your desk.

What's New

These release notes provide information on software updates, phone features, and known issues for the VVX D230 DECT IP phone:

7.0.2 includes the following feature:

- [Updated Default ConfigURL Parameter](#)

7.0.1 includes the following features:

- [Local Call Park, Park Status, and Music on Hold](#)
- [Local Call Park Call Back](#)
- [Cisco Discovery Protocol \(CDP\)](#)
- [Generic Network Directory](#)

- [DNS NAPTR](#)
- [DHCP Option 160 by Default](#)
- [Maximum Handset Number Limitation](#)
- [Report Call Quality Metrics to PDMS-SP](#)

For more information on these new features, see the [Poly VVX D230 Administrator Guide](#) at [Polycom Support](#).

Updated Default ConfigURL Parameter

This feature updates the **System Management — Auto Provisioning —ITSP Provisioning::ConfigURL** parameter for more robust provisioning of DHCP Option 160.

The new default value for the ConfigURL parameter is:

```
$DHCPOPT160/$MAC.xml;$DHCPOPT160/$DM.xml;$DHCPOPT160;tftp://$DHCPOPT66/$DM.xml;$DHCPOPT66/$DM.xml;$DHCPOPT66
```

With this update, the system attempts to fetch the config file using DHCP option 160, if available. It also attempts to append \$MAC.xml (\$MAC = Device MAC Address) or \$DM.xml (\$DM = Device Model) to the request.

Local Call Park, Park Status, and Music on Hold

This feature set enables local call parking and retrieval, shows the status of parked calls, and provides music on hold (MOH) for the callers on hold.

This feature set also delivers dynamic assignment of the call parking lot, automatically parking a call against an available parking lot. The phone then briefly displays which parking lot the call is parked against.

The following parameters in **DECT Wireless – System – Local Call Park::** enable this functionality:

- LocalCallPark enables call parking.
- CallParkMusic plays internal music on hold to parked calls.

When you enable Local Call Park, the user enters a two-digit lot number (xx) to park a call, and 7xx to un-park the call.

Local Call Park Call Back

This feature enables your phone to call you back after a given time when you park a call, preventing you from leaving a parked call on hold indefinitely.

The following parameters in **DECT Wireless – System –Local Call Park::** enable this functionality:

- CallBackTimer specifies the time (in seconds) before the parked call is transferred back to the phone that initiated the local call park.
- CallBackMaxRetry specifies the maximum number of callback tries before the call is dropped.
- CallBackRingTimeOut specifies the duration to ring on each call back attempt.

Cisco Discovery Protocol (CDP)

This feature enables your phones to automatically configure VLAN and other network parameters using the Cisco Discovery Protocol (CDP). CDP can coexist with LLDP-MED, but LLDP-MED always takes precedence.

Set the following parameter value to enable CDP discovery:

- **System Management – WAN Settings – Internet Settings::CDP = True**

Generic Network Directory

This feature enables support for a remotely maintained generic network directory. All external enterprise directories remain accessible.

DNS NAPTR

This feature enables DNS NAPTR for SIP proxy servers or outbound proxies. Combining NAPTR with SRV records enables chaining multiple records. With NAPTR lookup, the phone can discover the hosts to access the SIP service for a given domain, the SIP transport, preference, and order of each host, and what types of DNS records to use for each listed host (SRV or A record).

This feature complies with RFC 2915.

DHCP Option 160 by Default

This feature extracts DHCP Option 160 from a DHCP offer by default. The system also prioritizes DHCP Option 160 ahead of other options in the `ConfigURL` parameter using the following parameters and macros:

- Option 160 is added to the **System Management – WAN Settings – DHCP Client Settings::ExtraOptions** parameter.
- The the **System Management – Auto Provisioning – ITSP Provisioning::ConfigURL** parameter is updated to include the `$DHCP OPT160/$MAC.xml;$DHCP OPT160/$DM.xml;$DHCP OPT160;tftp://$DHCP OPT66/$DM.xml;$DHCP OPT66/$DM.xml;$DHCP OPT66` macros.

Maximum Handset Number Limitation

This feature enables limiting the number of handset registrations on a single base station. A handset returns a `Handset Registration Failed` error if you try to add more handsets than the maximum number. The default maximum is 10 handsets.

Set the **DECT Wireless – System – DECT Base Information::MaxRegistrations** parameter to configure this feature. The default is 10.

Report Call Quality Metrics to PDMS-SP

This feature enables sending anonymous call quality reports to PDMS-SP in JSON format. Caller-ID information is excluded.

Set the **System Management – Auto Provisioning – Statistics Reporting:: SyncCQM** parameter to `True` to enable this feature.

Release History

The following table lists the release history of VVX D230 DECT IP phones.

Release History

| Release | Release Date | Description |
|---------|----------------|--|
| 7.0.2 | February 2020 | Includes an important field fix to enhance DHCP provisioning. |
| 7.0.1 | January 2020 | Includes important field fixes and support for the following features: <ul style="list-style-type: none"> Local call park, park status, and music on hold Local call park call back Cisco Discovery Protocol (CDP) Generic network directory DNS NAPTR DHCP Option 160 by default Maximum handset number limitation Report call quality metrics to PDMS-SP |
| 7.0.0 | September 2019 | Initial release of VVX D230 DECT IP phone software |

Security Updates

Please refer to the [Polycom Security Center](#) for information about known and resolved security vulnerabilities.

Resolved Issues

The following table lists the resolved issues in this release of the VVX D230 software.

Resolved Issues

| Category | Issue ID | Description |
|----------|-----------|---|
| Network | EN-167762 | This feature improves DCHP Option 160 provisioning for certain service providers. |

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|----------------|-----------|---|
| User Interface | EN-147625 | If an invalid conference bridge ID is defined, the system might drop the active call when attempting to conference using the invalid conference bridge ID. |
| User Interface | EN-147880 | In a Metaswitch-based environment, calls do not remain active with 2-way audio when attempting to park the calls against a park orbit that already has a call parked on it. |
| User Interface | EN-149662 | Failed outgoing calls may provide a verbal announcement that is generated internally in the handset. These announcements also are displayed in text form on the handset. |
| User Interface | EN-149669 | The OpenRegistration parameter's check box on the device webpage might occasionally be out of sync with the base registration LED. |
| User Interface | EN-160393 | The shared line status shows the name of the call peer, if available. |

Known Issues

The following table lists known issues in this release of the VVX D230 software.

Note: These release notes don't provide a complete listing of all known issues that are included in the software. Issues not expected to significantly impact customers with standard voice and video conferencing environments may not be included. In addition, the information in these release notes is provided as-is at the time of release and is subject to change without notice.

Known Issues

| <i>Category</i> | <i>Issue ID</i> | <i>Description</i> | <i>Workaround</i> |
|-------------------|-----------------|---|-------------------|
| Call Management | EN-140232 | Available menu options aren't relevant during a page call. | None. |
| Call Management | EN-146098 | During an intercom call between two VVX D230 handsets, when the originating caller puts the call on hold, the receiving party can't resume the call by pressing the Resume button. | None. |
| Device Management | EN-140065 | After you factory reset the base station, the handset still shows the old handset name. | None. |

| | | | |
|----------------|-----------|--|--|
| Network | EN-139746 | The phone supports LLDP and DVD DHCP options 141 and 191 for VLAN discovery, but not at the same time. | None. |
| Shared Lines | EN-144485 | Shared line status under the Line option might take a few more seconds to update if all eight lines are configured as shared line. | None. |
| Shared Lines | EN-146439 | The Call Forward/Divert softkey shows during ringing for a shared line. It happens only if the shared line is configured for VVX D230 handset inbound calls but not as a line for the handset. | Add the shared line to the VVX D230 handset outbound services. |
| User Interface | EN-143175 | The call log Back softkey works slowly if you try to delete a missed call entry during an active call. | None. |
| User Interface | EN-146756 | When the base station is rebooting and you attempt to navigate to the Base Station Information page during initialization, the user might see the base station header hidden behind Time and Handset Number . | Power cycle or reboot the base station. |

Getting Help

For more information about installing, configuring, and administering Polycom products, go to Documents and Software at [Polycom Support](#).

To find all Polycom partner solutions, see [Strategic Partner Solutions](#).

Related Poly and Partner Resources

See the following sites for information related to this release.

- The Polycom Support Site is the entry point to online product, service, and solution support information including Licensing & Product Registration, Self-Service, Account Management, [Product-Related Legal Notices](#), and Documents & Software downloads.
- The [Polycom Document Library](#) provides support documentation for active products, services, and solutions. The documentation displays in responsive HTML5 format so that you can easily access and view installation, configuration, or administration content from any online device.
- The [Polycom Community](#) provides access to the latest developer and support information. Create an account to access Poly support personnel and participate in developer and support forums. You can find the latest information on hardware, software, and partner solutions topics, share ideas, and solve problems with your colleagues.
- The [Polycom Partner Network](#) are industry leaders who natively integrate the Poly standards-based RealPresence Platform with their customers' current UC infrastructures, making it easy for you to communicate face-to-face with the applications and devices you use every day.
- The [Polycom Collaboration Services](#) help your business succeed and get the most out of your investment through the benefits of collaboration.

GETTING HELP

For more information about installing, configuring, and administering Poly/Polycom products or services, go to Polycom Support.

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