INFO - Device Info

The INFO - Device Info page (FIG. 9) displays basic panel information, such as available memory and screen resolution dimensions (read-only).

FIG. 9 INFO - Device Info page

Device Info page options	
DEVICE	
Device IP	Displays the panel's IP address.
Device Number	Displays the panel's device number.
Device Name	Displays the panel's device name.
Device Type	Displays the panel model
Serial Number	Displays the specific serial number value assigned to the panel.
Version	Displays the current version of the panel's firmware.
MAC Address	Displays the panel's MAC address.
Bluetooth Address	Displays the panel's Bluetooth address.
Resolution	Displays the panel's screen height and width in pixels.
NETLINX CONTROLLER	
Controller IP	Displays the IP address for the panel's Controller.
Controller Port	Displays the port used by the panel's Controller.
Controller System Number	Displays the Controller's system number.
Connection	Displays the panel's connection status.
MEMORY AND FILES	
Memory	Displays the amount of memory available on the panel.
File System	Displays the amount of MicroSD card memory available on the panel.
File Information	Displays information on the current main panel page.
MISC	
Up Time	Displays the time elapsed since the panel was last started.

Legal Information	Select this entry to open the Legal Information window, which displays information on intellectual property notices and information on copyright concerns.

INFO - Maintenance

The INFO - Maintenance page (FIG. 10) provides control of basic panel functions, including rebooting or shutting down the panel.

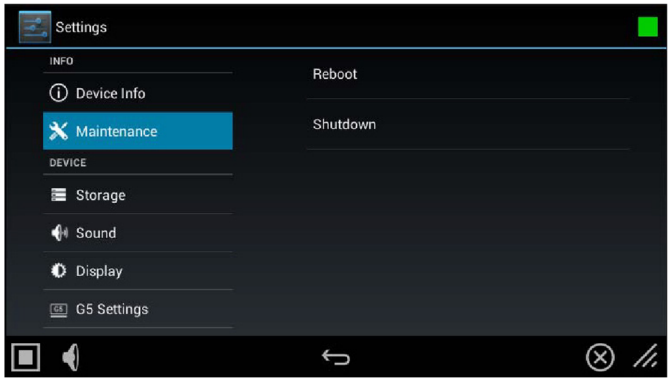


FIG. 10 Maintenance page

INFO - Maintenance page options	
Reboot:	Select this entry to open the Reboot window..
Shutdown:	Select this entry to open the Shutdown window

Rebooting the Panel

1. In the Maintenance page, select **Reboot**. This opens the Reboot window (FIG. 11).

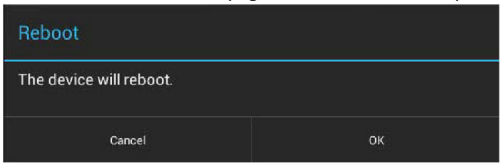


FIG. 11 Reboot window

2. Press **OK** to reboot.

Shutting Down the Panel

1. In the Maintenance page. select **Shutdown**. This opens the Shutdown window (FIG. 12):

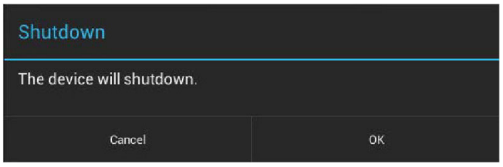


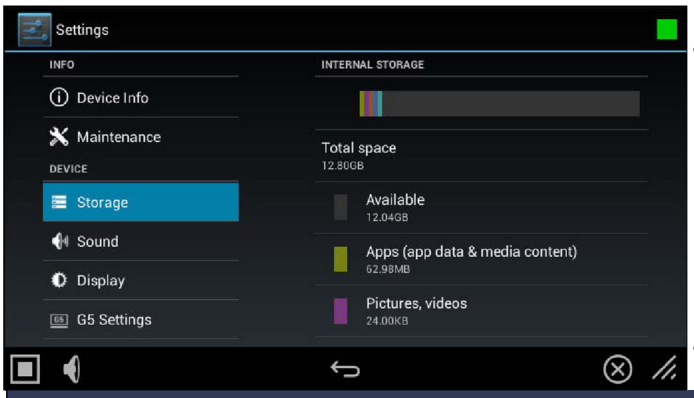
FIG. 12 Shutdown window

2. Press **OK** to shut down the panel.

DEVICE - Storage

NOTE: The DEVICE pages are all password-protected. The default password is 1988.

The Storage page (FIG. 13) provides access to data stored on the panel including applications, pictures, audio files, and other files. This page also displays files accessible via connected USB storage devices, such as from hard drives or thumb drives.



Scroll down to see all menu items

Storage page options	
INTERNAL STORAGE	
Internal Storage	This graph displays how much internal storage is being used compared to what is available, and which file categories are using that storage. Note that this graph is color-coded to indicate how much storage is being
Total Space	The total amount of storage space on the panel.
Available	The total amount of storage that may be used for apps and other files on the panel.
Apps (app data & media content)	The total amount of storage currently being used for apps and related files on the panel. Note that Apps are installed via TPDesign5, and cannot be added or removed via the panel.
Pictures, Videos	The total amount of storage currently being used for picture and video files on the panel
Audio (music, ringtones, podcasts, etc.)	The total amount of storage currently being used for audio files (such as music, ring tones, and podcasts) on the panel. Select this entry to open the Choose Music Track window. See the Internal Storage: Audio section on page 27 for details
Downloads	The total amount of storage currently being used for downloaded files (such as text files or spreadsheets) on the panel. Select this entry to open the Downloads window. See the Internal Storage: Downloads section on page 27 for details.
Cached Data	The total amount of storage currently being used for cached data on the panel. Select this entry to clear the cache. See the Internal Storage: Cached Data section on page 27 for details.
USB STORAGE	
Mount USB Storage	This option only appears if no USB data storage is connected to the panel.
USB Storage Graph	This graph displays the total used storage in a connected USB storage device versus the total amount available. This graph only appears if a USB storage device is connected to the panel.
Total Space	The total amount of used storage on the connected USB storage device.
Available	The total amount of available storage on the connected USB storage device.
Unmount Shared Storage	Select this option to allow safe removal of any USB data storage device connected to the panel.

Internal Storage: Downloads

From the Storage page, select Downloads to display all files downloaded to the panel. This opens the Downloads window. Select a downloaded file in the window to open it.

To close the Downloads window, touch the display screen anywhere outside of the window.

Internal Storage: Cached Data

Under Internal Storage, the Cached Data option indicates the amount of data currently in the panel's memory cache for all applications.

To clear the cache, press Cached Data. The panel will prompt you to verify this action before clearing the cache (FIG. 15):

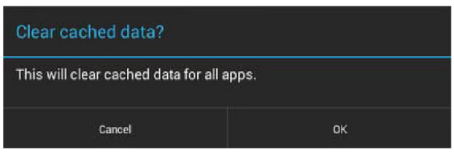


FIG. 15 Clear Cached Data prompt

Select **Cancel** to return to the Storage page, or select **OK** to clear the cached data for all applications on the panel.

USB Storage

In addition to its internal storage capabilities, G5 panels also have the ability to access files in USB-enabled external storage options, such as thumb drives and external hard drives. The status of USB storage is indicated in the USB STORAGE section of the Storage page.

- If no USB storage option is connected to the panel, this section will read “Insert USB storage for mounting”.
- If a USB storage option is connected to the panel, the USB Storage section will display the panel’s total used space and total available space, as well as give the option to unmount the storage device (FIG. 16).

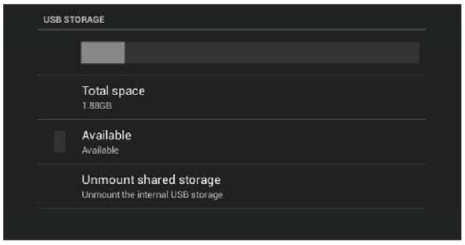


FIG. 16 USB Storage

Unmounting a USB Storage Device

To launch Telnet Window,

1. On the Storage page, select the Unmount Shared Storage option .
2. This opens the Unmount USB storage? window (FIG. 16):

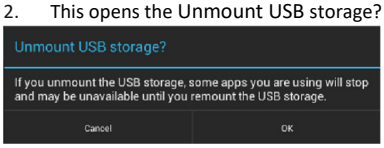


FIG. 17 Unmount USB Storage prompt

3. Select **OK** to unmount the storage device (or **Cancel** to return to the Storage page).
   If the storage device has been unmounted from the panel but is still physically connected, the only option in the USB Storage section will be Mount USB storage. Press this option to remount the storage device to the panel.

DEVICE - Sound

The Sound page (FIG. 18) allows adjustment of volume levels and panel sounds settings.

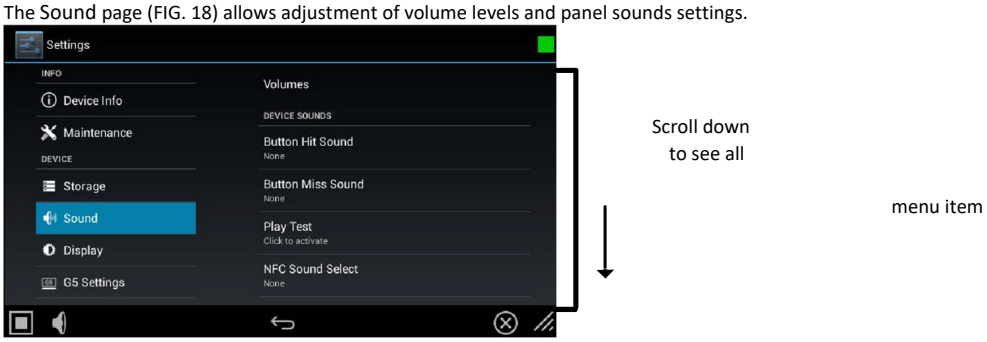


FIG. 18 DEVICE - Sound page

Storage page options

Volumes	Press to open the Volumes window, which provides options to adjust volume for Music, video, games and other media as well as Notifications and Alarms. See the Adjusting Volumes section on page 29 for details.
DEVICE SOUNDS	
Button Hit Sound	Displays the information on the sound file associated with the Button Hit Sound function. See the Selecting Device Sounds section on page 30 for details.
Button Miss Sound	Displays the information on the sound file associated with the Button Miss Sound function. See the Selecting Device Sounds section on page 30 for details.
Play Test	Select this entry to test the audio output by playing a preselected sound.
Smart Card Sound Select	Select to choose a sound to associated with the smart card action from the menu provided (default = none). See Selecting a Default Notification Sound section on page 31.
SYSTEM SOUNDS	
Touch Sounds	Select this entry to enable a notification sound every time the panel display is touched.
Default Notification Sound:	Select this entry to choose a default notification sound from the menu provided. See Selecting a Default Notification Sound section on page 31.
Audio:	Displays the current audio options. The current and only option is “Internal Audio”.

Adjusting Volumes

1. In the Sound page, select the Volume Varia (FIG. 20) to open the Music Volumes control window (FIG. 21 on page 30):

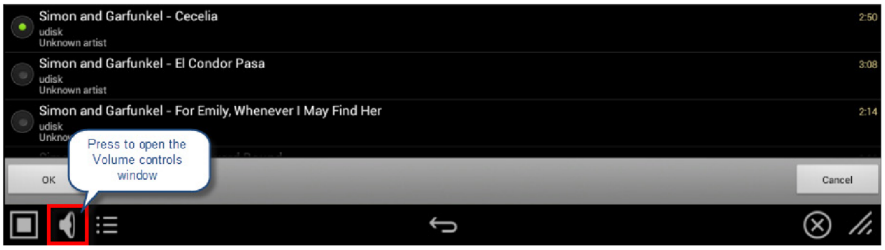


FIG. 20 DEVICE - Sound page - Volume Control Varia

2. This opens the Music Volume control. Use this slider to adjust the volume for music tracks. To mute music playback, move the slider all the way to the left. In this case, the volume Varia on the Music Volume control will indicate Muted.

3. Press the Varia on the right side of the Music Volume control to open the System Volumes control. Use these volume controls to adjust all of the available volume controls on the panel (FIG. 21):

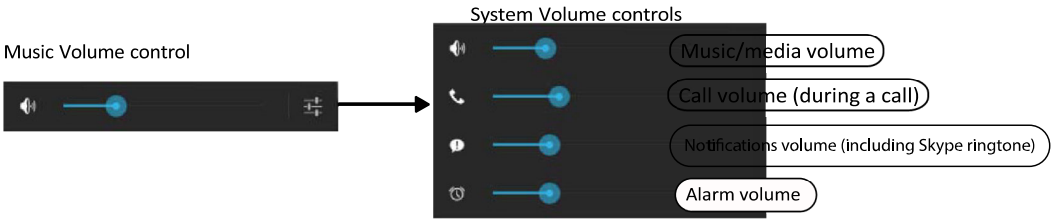


FIG. 21 Music Volume control and System Volumes control

- To adjust the panel's media volume, slide the Music/media slide bar pointer to your preferred level. To mute the panel, move the slidebar pointer all the way to the left. The speaker Varia on the left of the slidebar will indicate that the panel is muted.
- To adjust the volume of notifications, slide the Notifications slide bar pointer to your preferred level. If the Music/media slide bar is set to mute, the Notifications slide bar will also be muted.
- To adjust the volume of alarms, slide the Alarms slide bar pointer to your preferred level. The Alarms volume will NOT be muted if the other slide bars are set to mute.

Selecting Device Sounds

Use the options under DEVICE SOUNDS in the Sound Settings page to select a particular sound to coincide with a button being pressed in a panel page (FIG. 22):

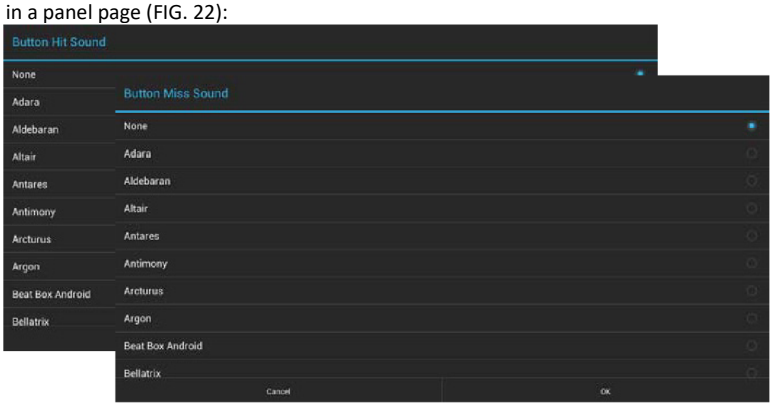


FIG. 22 Device Sounds - Button Hit Sound / Button Miss Sound Selection

1. In the Sound page:

- Select **Button Hit Sound** to select a sound to coincide with a button being pressed via the Button Hit Sound window.
- Select **Button Miss Sound** to select a sound to coincide with a button being missed via the Button Miss Sound window.
- Press **Play Test** to play a sample sound file to test the volume setting.
- Select **Smart Card Sound Select** to select a sound to coincide with a Smart Card being detected by the panel via the Smart Card Sound Select window.

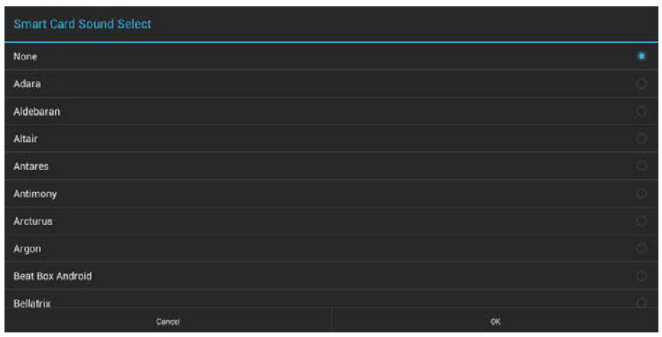


FIG. 23 Device Sounds - Smart Card Sound Select

1. Choose a sound from the presented list: selecting a new sound will play it once. The sound will only be audible if the Media slide bar in Volumes is not muted.
2. Once you select the preferred sound, press **OK** to save it. The sound's name will now appear under the category in the Sound page.
3. To the Sound page without making any changes, press Cancel.

Selecting a Default Notification Sound

To select a particular sound to be the default notification sound for all panel functions:

4. In the Sound page, under SYSTEM SOUNDS, enable the Touch Sounds option.
5. Select Default notification sound. This opens the Default notification sound window.
6. Choose a sound from the presented list: selecting a new sound will play it once. The sound will only be audible if the Notifications slide bar in Volumes is not muted.
7. Once you select the preferred sound, press **OK** to save it. If you wish to return to the Sound page without making any changes, press Cancel.

DEVICE - Display

The Display page (FIG. 24) controls the basic functions of the panel display, including the panel brightness.

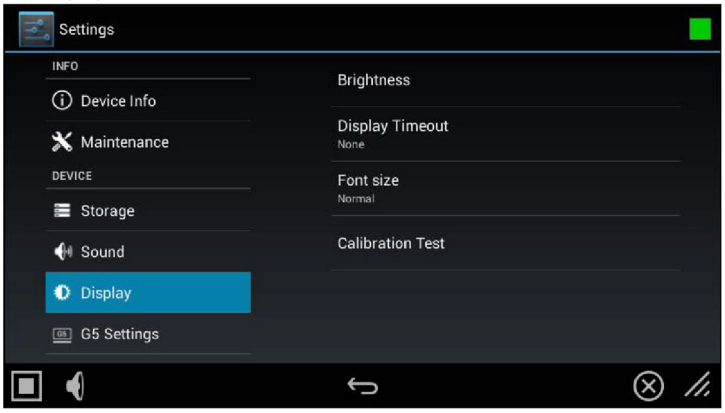


FIG. 24 DEVICE - Display page

Display page options	
Brightness:	Sets the display brightness and contrast levels of the panel. See Adjusting Panel Brightness on page 31 for details.
Display Timeout:	Indicates the length of time that the panel can remain idle before the display automatically powers down. Select the Display Timeout setting. Range = 15, 30 seconds, 1, 5, 10, 30 minutes, 1, 2 hours. Set the timeout value to None to disable Display Timeout mode. See the Adjusting Display Timeout on page 32 for details.
Font Size:	Sets the size of the font used in the Settings menu. See Selecting the Font Size on page 32 for details.
Calibration Test:	Select this to open the Calibration Test page. See Calibration Test on page 32 for details.

Adjusting Panel Brightness

In the Display page, select **Brightness** to open the Brightness window (FIG. 25).

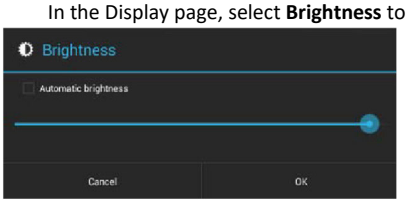


FIG. 25 Brightness window

Use the slidebar for manual adjustment of the panel's display brightness. Select **Automatic brightness** to make automatic adjustments to brightness based on ambient light in the vicinity. Press **OK** to save changes and close this window (or select **Cancel** to return to the Display page without saving any changes).

Adjusting Display Timeout

In the Display page, select Display Timeout to open the Display Timeout window (FIG. 26).

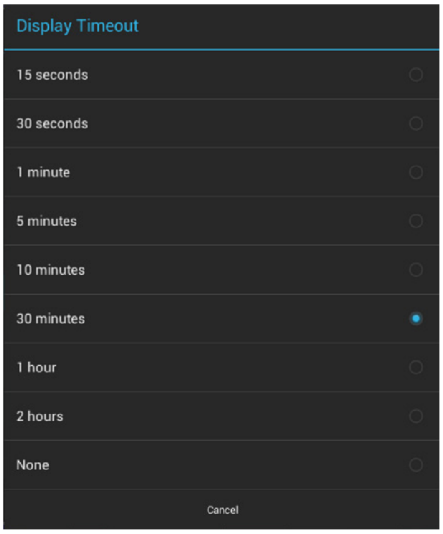


FIG. 26 Display Timeout menu

Select the time period that will pass before the panel enters sleep mode, or select None to keep the panel from shutting down its display. The default settings is 30 Minutes.

Press **OK** to save changes and close this window (or select **Cancel** to return to the Display page without saving any changes).

Selecting the Font Size

In the Display page, select Font size to open the Font Size window (FIG. 27).

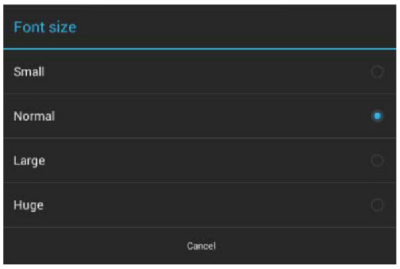


FIG. 27 Font Size menu

Select the desired size for the font used in the Settings menu via this window. The default setting is Normal.

Changing this setting requires re-entry of the password in order to confirm your changes. If you wish to return to the Display page without saving any changes, select Cancel at the bottom of the window.

DEVICE - G5 Settings

The G5 Settings page (FIG. 30) controls both the panel's transmission of page flip tracking to the Controller and the panel's activeduration before going into Sleep mode.

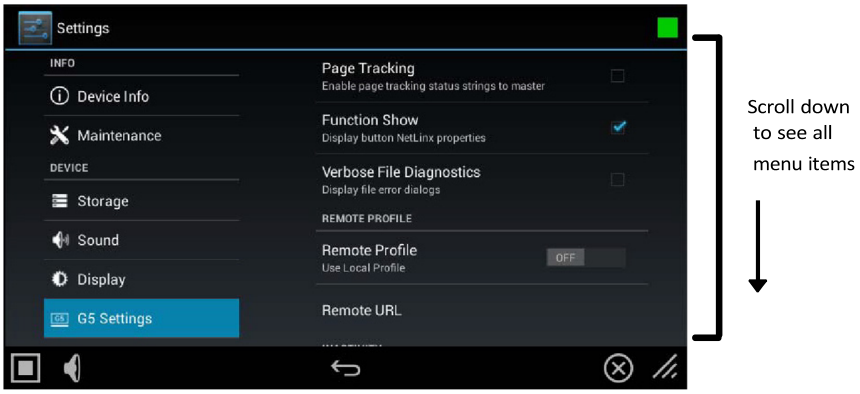


FIG. 30 G5 Settings page

G5 Settings page options	
Page Tracking	Press to enable or disable the panel sending page flip tracking to the Controller. Default = disabled.
Function Show	Press to display the address, channel, and level information associated with each button on the panel. Default = disabled.
Verbose File Diagnostics	Press to display file error dialogs any time the panel encounters a problematic file. Default = disabled.
REMOTE PROFILE	
Remote Profile	Press **On** to enable Remote Profiles. Note that turning Remote Profiles On enables the Remote URL option (see note below).
Remote URL	Enter the URL of the desired remote profile: press this field to access an on-screen keyboard. Refer to Setting a Remote Profile section on page 33 for details.
INACTIVITY	
Inactivity:	Select this to open the Inactivity window and control the maximum time the panel will remain inactive before going into Sleep mode. Refer to Setting an Inactivity Time Period and Page Flip section on page 34 for details.
Inactivity Page:	Lists the TPDesign5 page displayed when the panel goes to sleep. Refer to Setting an Inactivity Time Period and Page Flip section on page 34 for details.
PASSWORD PROTECTION	
Password 1-4	These options provide the option of assigning passwords to the secured Settings pages. Refer to Setting Password Protection section on page 34 for details.
HTTPS CLIENT	
Validate HTTPS Server Certificate	Press to enable or disable the validation of HTTPS server certificate while negotiating the connection. Default = disabled.
Verify HTTPS Server Hostname	Press to enable or disable the verification of the HTTPS Server hostname. Note that this option is available only if the Validate HTTPS Server Certificate option is selected. Default = disabled.

Setting a Remote Profile

NOTE: Enabling a Remote Profile will cause the panel to ignore and TP5 file that has been transferred to the panel. It will only open the TP5 file set in the Remote URL.

1. In the G5 Settings page, press **Remote Profile** to toggle the option ON.

Press **Remote URL** to enter the URL of the remote profile to use via the on-screen keyboard (FIG. 31)

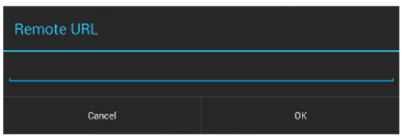


FIG. 31 Remote URL window

Press **OK** to save changes and close this window.

Setting an Inactivity Time Period and Page Flip

1. In the G5 Settings page, press Inactivity to open the Inactivity window (FIG. 32):

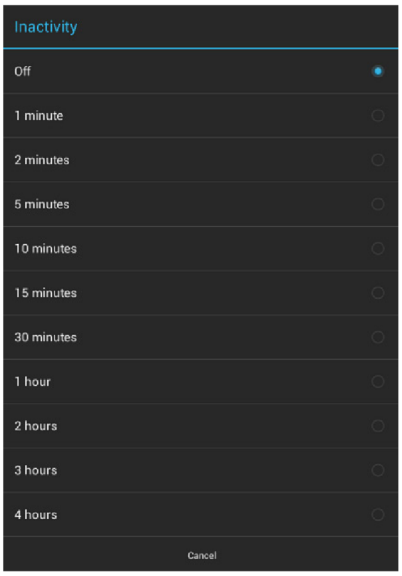


FIG. 32 Inactivity window

2. Select the amount time that will be allowed to pass before the panel enters into sleep mode. Select **Off** to disable the inactivitytimer. The default setting is 1 hour.

Setting Password Protection

The options under PASSWORD PROTECTION provide the ability to assign alphanumeric values to particular password sets (FIG. 33):

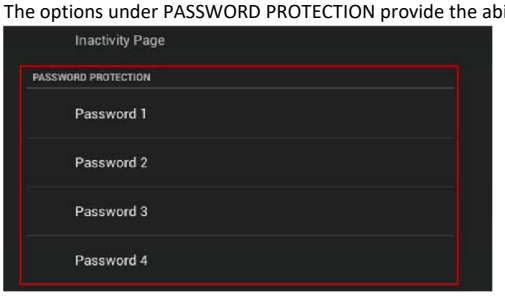


FIG. 33 G5 Settings page - PASSWORD PROTECTION options (Password 1-4)

1. In the G5 Settings page, under PASSWORD PROTECTION, press **Password 1** to open the Password 1 window to enter a new alphanumeric password via the on-screen keyboard (FIG. 34):

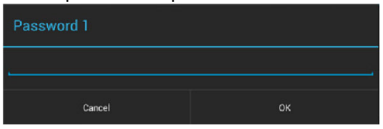


FIG. 34 Password 1 window

2. Press **OK** to save changes (or press Cancel to close this window without saving changes).
3. Press **Password 2, Password 3** and **Password 4** to set Passwords 2-4 (press **OK** to save each).

Active Video Windows - Limitations

The term “Active Video Windows” refers to any “window” on the touch panel (which could be a Page, Popup, Sub-Page or Button) that is displaying active video content.

- Maximum supported number of active video windows displayed simultaneously on the panel: **2**

While this limitation is not enforced (i.e the TPDesign5 application will allow you include any number of video windows in the panel design), attempting to display more than two active video windows at one time may have a negative impact on the panel's overall performance.

- Maximum supported resolution for video windows: **720dpi**
- Maximum supported frame rate for video windows: **30fps**

DEVICE - Sensors

The Sensors page (FIG. 38) allows activation and optimization of the panel's motion and light sensors.

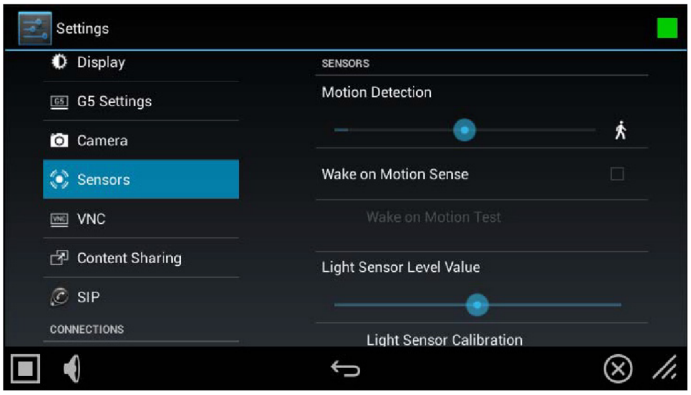


FIG. 38 Sensors page (Available on MT-2002 model)

Sensors page options	
Motion Detection	• The blue bar within the slide bar shows the current motion sensor reading. • The slide bar sets the motion sensor threshold.The threshold controls when a motion sensor channel is on. • The "walk" Varia shows bars on either side when the threshold is crossed (FIG.38).
Wake on Motion Sense:	Press this checkbox to wake up the panel if any motion detected crosses the threshold set by the Motion Detection slide bar.
Wake on Motion Test:	This selection only be enabled if Wake Panel On Motion Sense is enabled. Pressing the test button will initiate a test mode where the display will go to sleep and wait for motion to turn it on. It can be used to test your current Motion Detection threshold value.
Light Sensor Level Value	The blue bar within the slide bar displays the current light sensor reading. • The slide bar indicates the light sensor threshold. • The threshold controls when a Light Sensor Channel Code press will be generated.
Light Sensor Calibration:	Press to perform a calibration on the light sensor. See the Calibrating the Light Sensor section on page 36 for details.
Light Sensor Level Port:	Displays the current level port being used by the light sensor (read-only). Default = 1.
Light Sensor Level Number:	Displays the current level being used by the light sensor (read-only). Default = 0.
Light Sensor Channel Port:	Displays the current channel port being used by the light sensor (read-only). Default = 1.
Light Sensor Channel Number:	Displays the current channel being used by the light sensor (read-only). Default = 0.
Motion Sensor Channel Port:	Displays the current channel port being used by the motion sensor (read-only). Default = 1.
Motion Sensor Channel Number:	Displays the current channel being used by the motion sensor (read-only). Default = 0.
Sensor Version:	Displays the current sensor version (read-only).

NOTE: Light and motion sensor ports, levels, and channels are configured in TPDesign 5. For more information on configuring light and motion sensors, please refer to the TPDesign 5 Operation/Reference Guide, available at www.amx.com.

Calibrating the Light Sensor

When the panel is installed for the first time, the light sensor should be calibrated to the room's maximum ambient light condition. This calibration setting will be saved until the panel's system settings are reset.

To calibrate the light sensor from the Settings pages:

1. From the Sensor Settings page, press **Light Sensor Calibration**.
2. Allow the panel 10 seconds to calibrate the room's ambient light level. The indicator next to the button will show a rotating circle while calibration is in progress.

DEVICE - VNC

An on-board VNC (Virtual Network Computing) server allows the panel to connect to any remote PC running a VNC client. Once connected, the client can view and control the panel remotely. The options on the VNC page (FIG. 39) allow you to enable or disable VNC server functionality on the panel.

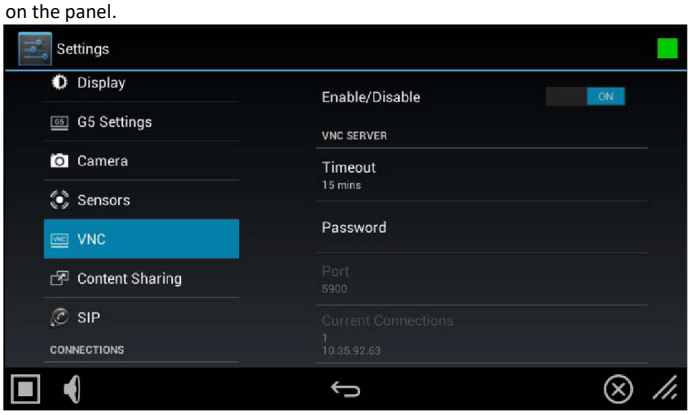


FIG. 39 VNC page

VNC page options	
Enable/Disable:	The **Enable/Disable** button toggles between the two VNC settings: • **Disable**- deactivates the VNC server on the panel. • **Enable** - activates the VNC server on the panel (default setting).
Timeout:	Sets the length of time (in minutes) that the panel can remain idle, detecting no cursor movements, before the VNC session is terminated. (default = 15 minutes).
Password:	Enter the VNC Authentication session password required for VNC access to the panel.
Port:	Use this field to enter the number of the port used by the VNC Web Server. Note that this field is enabled only while VNC is disabled (default = 5900).
Current Connections:	Displays the number of users currently connected to this panel via VNC (read-only).
Maximum Connections:	Displays the maximum number of users that can be simultaneously connected to this panel via VNC. Press this field to increase the number allowed to connect to this panel. (default = 2).

NOTE: The VNC server takes snapshots of the display buffer and sends them via VNC at a low frame rate

Enabling VNC

In the VNC page, press **Enable/Disable** to toggle VNC to ON (the default setting is OFF).

Configuring VNC Access

In the VNC page, use the options under VNC SERVER to configure various aspects of VNC access on the panel:

- Press **Timeout** to specify a timeout period for VNC connections, in the Timeout window. Press **OK** to save changes
- Press **Password** to assign the password to be required to establish a VNC connection, in the Password window. By default, no VNC password is set. Press **OK** to save changes.
- Press **Port** to specify the port to be used by the VNC Web Server, in the Port window. This option is not available if VNC is currently enabled. Press **OK** to save changes.
- Press **Maximum Connections** to set the maximum number of users that can be simultaneously connected to this panel via VNC. Press **OK** to save changes

CONNECTIONS - Ethernet

The Ethernet page (FIG. 52) controls the configuration of settings for Ethernet communication with the panel.

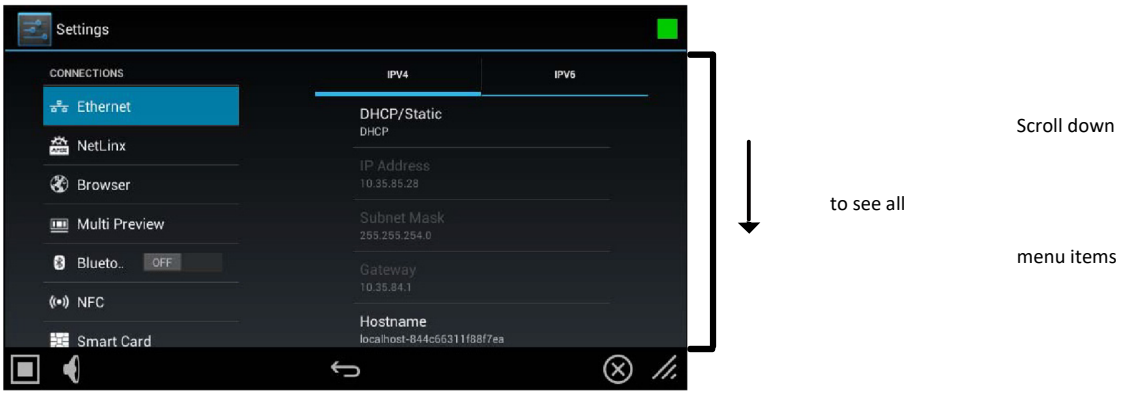


FIG. 52 Ethernet page

Ethernet page - IPV4 tab options	
DHCP/Static:	Sets the panel to either DHCP or Static communication modes. • DHCP is an IP Address assigned to the panel by a DHCP server. If DHCP is selected, the other Network Connection fields are disabled (see below). • Static IP is a permanent IP Address assigned to the panel. If Static IP is selected, the other Network Connection fields are enabled.
IP Address:	Displays the IP address for this panel. If DHCP is enabled, this field will be disabled.
Subnet Mask:	Displays the subnetwork for this panel. If DHCP is enabled, this field will be disabled
Gateway:	Displays the gateway address for this panel. If DHCP is enabled, this field will be disabled.
Hostname:	Displays the hostname for this panel.
Domain:	Displays a name to the panel for DNS look-up. If DHCP is enabled, this field will be disabled.
Primary DNS:	Displays the address of the primary DNS server used by this panel for host name lookups. If DHCP is enabled, this field will be disabled.
Secondary DNS:	Displays the secondary DNS address for this panel. If DHCP is enabled, this field will be disabled.
MAC Address:	This unique address identifies the Ethernet connection in the panel (read-only).
802.1x Security	Displays the current state (disabled or enabled) of 8021.x security (default = disabled). Press to set enable and configure 802.1x security on the panel via the 802.x1 Security dialog (see page 46).
Ethernet page - IPV6 tab options	
IPv6 Support	When enabled, the panel will attempt to connect via IPv6 (default = OFF). To enable IPv6 support on this panel, press to toggle this setting to ON. Note that when IPv6 Support is On, the following fields are enabled for editing:
Static IPv6 Address	Specifies the static IPv6 address for this panel.

Static IPv6 Subnet Prefix Length	Specifies the Static IPv6 Subnet Prefix Length for this panel.
Static IPv6 Gateway	Specifies the Static IPv6 Gateway address for this panel.
Link Local IP Address:	Displays the Link Local IP address for this panel, if one exists (read-only).
Neighbor Discovery IP Address:	Displays the Neighbor Discovery IP address for this panel (read-only).
Discovered IPv6 Gateway:	Displays the Discovered IPv6 gateway for this panel (read-only).
Hostname:	Displays the hostname for this panel.
Domain:	Displays a name to the panel for DNS look-up.
Primary DNS:	Displays the address of the primary DNS server used by this panel for host name lookups.
Ethernet page - IPV6 tab options (Cont.)	
Secondary DNS:	Displays the secondary DNS address for this panel.
MAC Address:	This unique address identifies the Ethernet connection in the panel (read-only).
802.1x Security	Displays the current state (disabled or enabled) of 802.1x security (default = disabled). Press to set enable and configure 802.1x security on the panel via the 802.x1 Security dialog (see page 46).

Setting Static IP Information (IPv4)

When using DHCP settings for a panel, the DHCP server will automatically populate almost all of the Ethernet page fields, with the exception of Hostname. When setting the panel for Static, however, all IP address information must be entered manually:a calibration test on the touch panel:

1. Press DHCP/Static to access the DHCP/Static options window (FIG. 53):

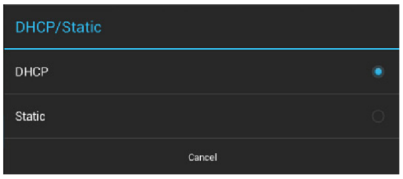


FIG. 53 DHCP/Static window

2. Press **Static** to open the Static IP (IPv4) window (FIG. 54).

FIG. 54 Static IP (IPv4) window

3. Press any field in this window to open the on-screen keypad or keyboard.
4. Enter IP address information for each field presented, via the Static IP window.
5. When complete, press **OK** to save changes and return to the Ethernet page - IPV4 tab (FIG. 55):

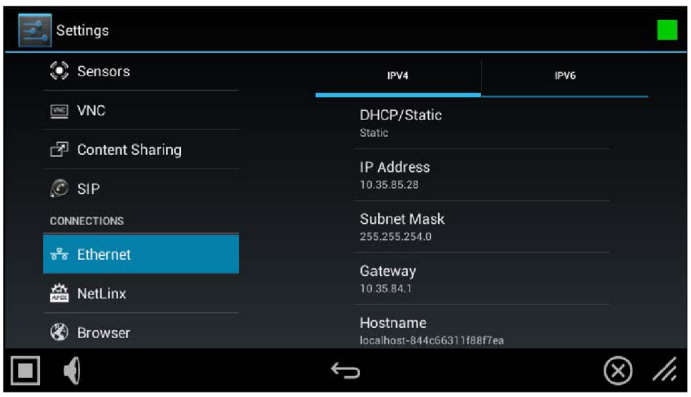


FIG. 55 Ethernet page (IPV4 tab) - indicating Static IP connection information

Entering a New Hostname (IPv4/DHCP only)

In order to facilitate DNS lookup of the panel, you should set a new hostname for the panel. To add a new hostname, or to changean existing one:

1. From the Ethernet page (IPv4 tab), select Hostname to open the Hostname window (FIG. 56).

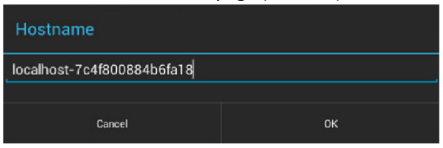


FIG. 56 Hostname window

2. Enter the new hostname and press **OK**.

The new hostname will now appear in the Hostname field.

Setting IPv6 Information

When using IPv6 network addressing for a panel, IPv6 support must be enabled on the panel, and all IP address information must be entered manually:

1. In the Ethernet page, open the IPV6 tab (FIG. 57):

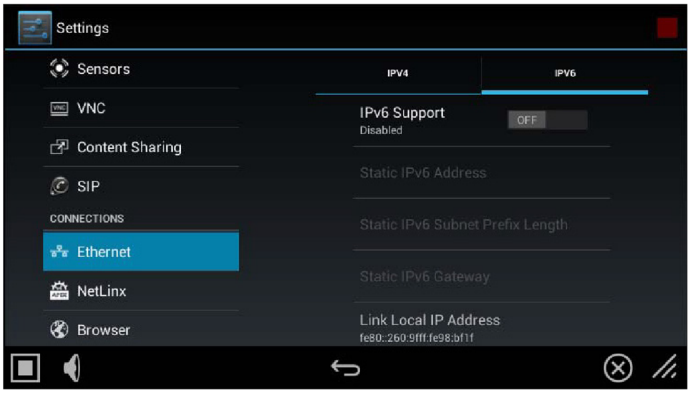


FIG. 57 Ethernet page - IPV6 tab

2. Toggle the **IPv6 Support** option ON. Note that this enables the other fields for editing (FIG. 58): :

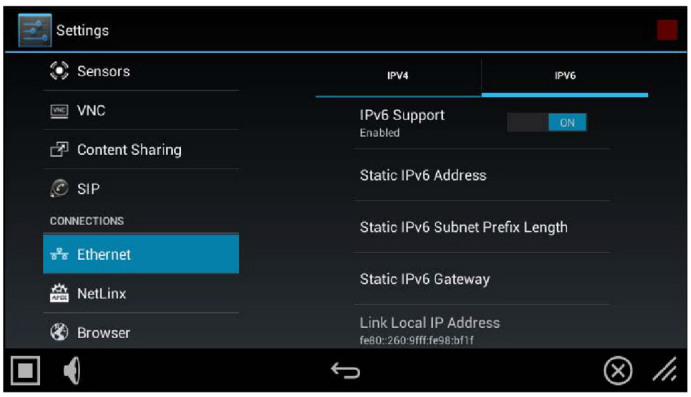


FIG. 58 Ethernet page - IPV6 tab (IPv6 support enabled)

3. Press the Static IPv6 Address field to set the static IP address for this panel, via the Static IP window (FIG. 59):

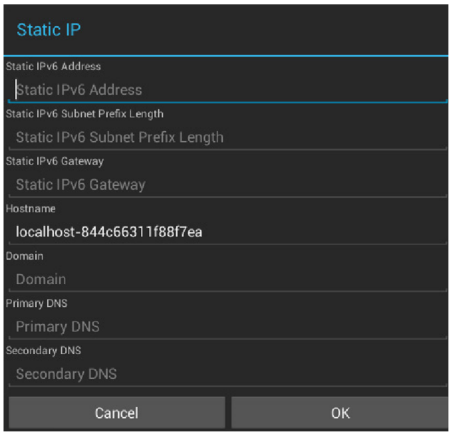


FIG. 59 Static IP (IPv6) window

4. Press **Static IPv6 Address** to enter this information via the on-screen keypad or keyboard. Press **OK** to save changes and return to the Ethernet page (IPV6 tab).
5. Repeat for the Static IPv6 Subnet Prefix Length, Static IPv6 Gateway, Hostname, Domain, Primary and Secondary DNS fields.
6. When complete, press **OK** to save changes and return to the Ethernet page - IPV6 tab (FIG. 60):

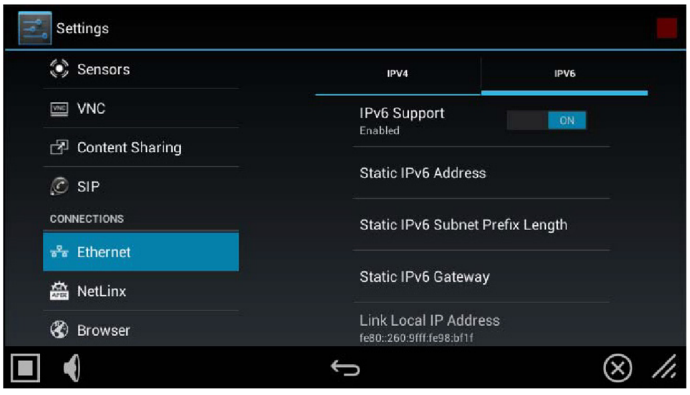


FIG. 60 Ethernet page (IPV6 tab)

Working With 802.1x Security

Use the 802.1x Security option in the Ethernet page (both tabs) to enable and configure 802.1x security settings on this panel:

1. From the Ethernet page (either tab), select 802.1x Security to open the 802.1x Security window (FIG. 61).

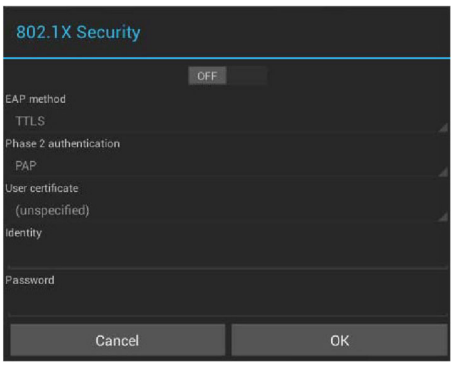


FIG. 61 802.1x Security window (OFF)

2. Toggle this feature **ON** to enable the editable fields in this window (FIG. 62):
3. Press **User certificate** to select a user certificate to use for 802.1x access.
4. Press **User certificate** to select a user certificate to use for 802.1x access
5. Press the **Identity** and **Password** fields to enter the appropriate Identity and Password for 802.1x access via the on-screen keyboard.
6. Press **OK** to save changes and return to the Ethernet page.

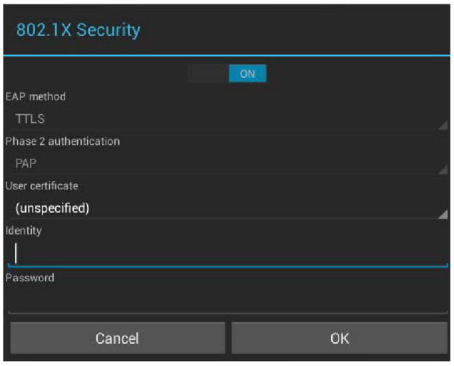


FIG. 62 802.1x Security window (ON)

CONNECTIONS - Smart Card

The Smart Card page enables Smart Card functionality on the panel, and provides access to the PIV Authentication Certificate and CHUID associated with the Smart Card reader (FIG. 75).

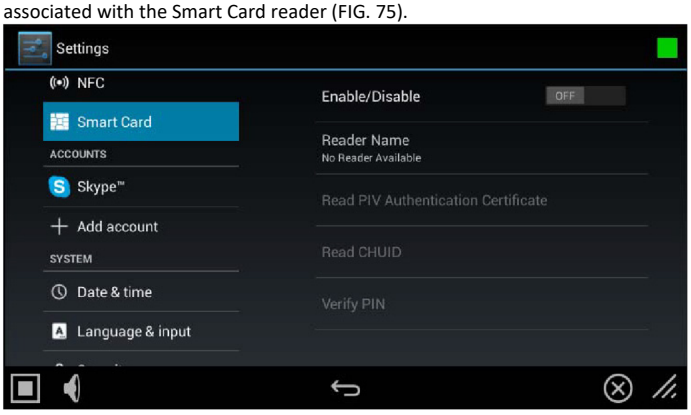


FIG. 75 Smart Card page

Smart Card page options	
Enable/Disable:	Press to toggle the smart card service on this panel (default = OFF).
Reader Name	This read-only field displays the name of the attached smart card reader, if a reader is attached and enabled.

Read PIV Authenticate Certificate	Press to read and display the PIV Authentication Certificate of the smart card.
Read CHUID	Press to read and display the CHUID from the smart card.
Verify PIN	Press to require the entry of a valid PIN for the smart card.

SYSTEM - Date & Time

The Date & Time page (FIG. 78) allows setting and adjusting the time and date information on the panel

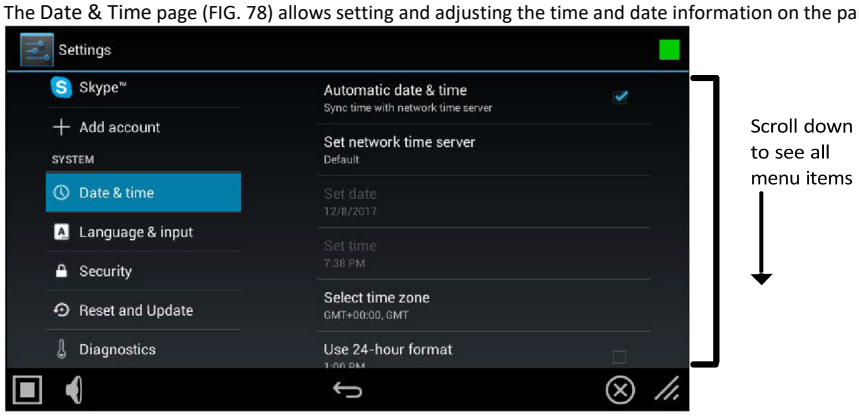


FIG. 78 Date & Time page

Date & Time page options	
Automatic Date & Time:	When checked, the panel retrieves time/date information from a network time server (NTP). Default = Enabled.
Set network time server:	Press this option to specify the IP address/name of a custom NTP if desired.
Set Date:	Use the Set Date window (FIG. 79) to set the current day, month, and year.
Set Time:	Use the Set Time window (FIG. 79) to select the current time.
Select Time Zone:	Use the Select Time Zone window (FIG. 82) to select the current time zone.
Use 24-Hour Format:	When checked, this option always displays the time in 24-hour format.
Choose Date Format:	Use the Choose Date Format window (FIG. 83) to select the desired date format.

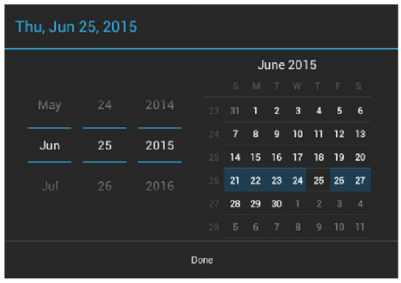
The current date and time may be retrieved from NTP or it may be updated manually.

Retrieving the Date and Time From NTP

1. In the Date & Time page, press **Automatic Date & Time**. Note that this option is selected by default.
2. Make sure that the checkbox is selected.
3. The date and time will be updated automatically by NTP.

Manually Setting the Date and Time

1. If Automatic Date & Time is enabled, de-select the field to disable it.
2. Press **Set Date** to open the Set Date window (FIG. 79).



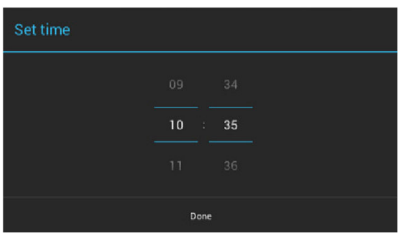


FIG. 79 Set Date and Set Time windows

3. Select the date, either by pressing and dragging on the fields on the left or by pressing the date in the calendar.
4. Press **Set Time** to open the Set Time window
5. Select the time by pressing and dragging on the fields in the center.
6. Press **Done** to save changes and close this window.

Specifying a Network Time Server

If Automatic Date & Time is enabled, the network time server used can be specified via the Set network time server option:

1. **Press Set network time server** to open the Set network time server window (FIG. 80):

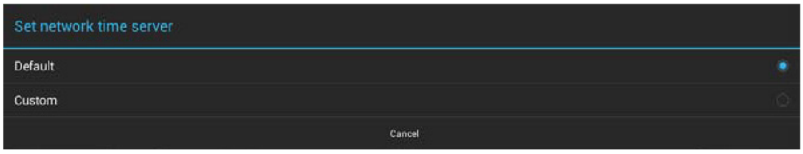


FIG. 80 Set network time server window

2. Press **Custom** to open the NTP Server window (FIG. 81):

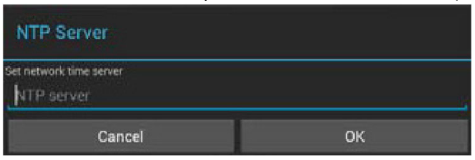


FIG. 81 NTP Server window

3. Enter the IP address/name of the time server to use.
4. Press **OK** to save changes and close this window

Manually Setting the Time Zone

1. Press **Select Time Zone** to open the Select Time Zone window (FIG. 82).

FIG. 82 Select Time Zone window

2. Select the time zone desired. The window will automatically close and return to the Date & Time page.

Specifying a Date Format

1. Press **Choose Date Format** to open the Choose date format window (FIG. 83).

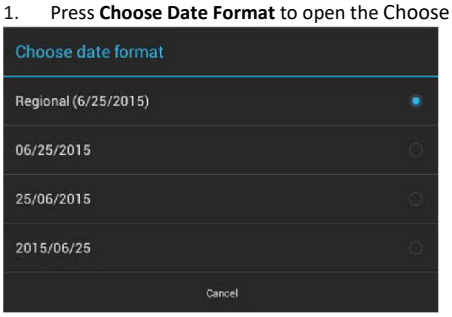


FIG. 83 Choose Date Format window

2. Select the desired date format. The window will automatically close and return to the Date & Time page.

SYSTEM - Language & Input

The Language & Input page (FIG. 84) controls the language used by the Settings menu, as well as the keyboard input used for Settings menu field entries.

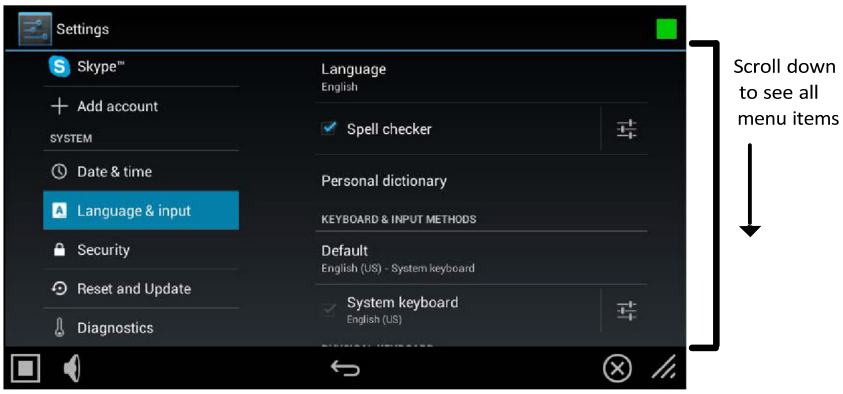


FIG. 84 Language & Input page

Language & Input page options	
Language:	Select a language for the Settings menu. See Selecting the Panel's Language on page 57 for details.
Spell Checker:	Enable this option to include an automatic spell checker in all Settings menu fields.
Personal Dictionary:	Lists all words saved in the panel's personal dictionary file. See Personal Dictionary on page 58 for details.
KEYBOARD & INPUT METHODS	
Default:	Specify the default system keyboard. Refer to Changing Input Methods on page 58 for details.
System Keyboard:	Choose the keyboard matching the selected panel language, or another language-format keyboard. Refer to Changing Input Methods on page 58 for details.
PHYSICAL KEYBOARD	
Generic:	Selects the format for a physical keyboard connected to the panel.
Auto-Replace:	Select this for automatic correction of commonly mistyped words.
Auto-Capitalization:	Select this for automatic capitalization of the first word in a sentence.
Auto-Punctuate:	Select this for automatic addition of a period when the space key is pressed twice.
MOUSE/TRACKPAD	
Pointer Speed:	Provides the ability to adjust the speed of the cursor on the panel. Refer to Changing the Pointer Speed on page 60 for details.

Changing Input Methods

While a standard English keyboard is the default input language, you may also change the input method, such as choosing a Dvorak keyboard. To change the keyboard layout:

4. In the Language & Input page, under KEYBOARD & INPUT METHODS, press **Default** to open the Choose Input Method window (FIG. 87):

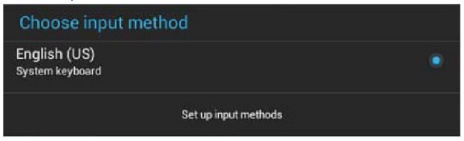


FIG. 87 Choose Input Method window

5. Press **Set up input methods** to open the Keyboard Options window (FIG. 88).

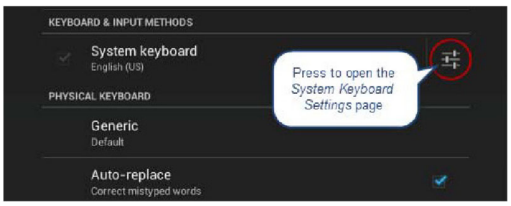


FIG. 88 Keyboard Options window

3. Press the **Settings Varia** next to System keyboard to access the System Keyboard Settings page (FIG. 89):

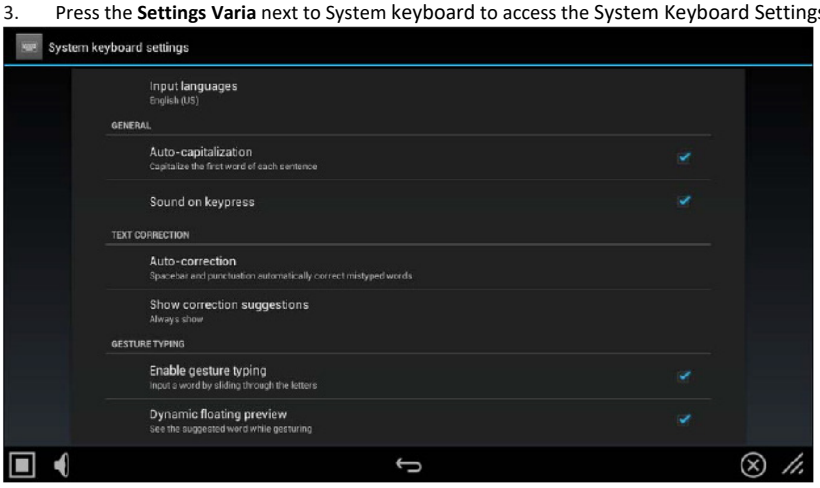


FIG. 89 System Keyboard Settings page

4. Edit these settings as desired, and press the return Varia to close this page and return to the Keyboard Options window.

5. Under PHYSICAL KEYBOARD, press **Generic** to open the Choose Keyboard Layout window (FIG. 90):

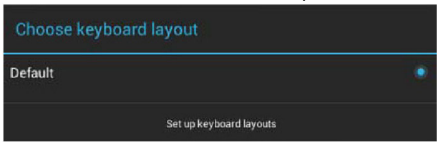


FIG. 90 Choose Keyboard Layout window

6. Press **Set up keyboard layouts** to open the Keyboard Layout window (FIG. 91):

FIG. 91 Keyboard Layout window

7. Select the keyboard layouts that should be available for selection.

8. Press the return Varia to close the Keyboard Layouts window and open the Choose Keyboard Layout window (FIG. 92):