

## GENERAL INFORMATION

<b>CATEGORY</b>	Video switching
<b>VERSION</b>	1.0.0.1
<b>SUMMARY</b>	Controls the Intelix DIGI-P122/123 via RS-232 and IP
<b>GENERAL NOTES</b>	Controls routing of sources to destinations. Provides explicit polling command. Provides true feedback.
<b>COMMUNICATION SETUP</b>	RS232: 9600 Baud, No Parity, 8 Data Bits, 1 Stop Bit TCP/IP Port: 4001
<b>MODULE DEFINITION</b>	<code>define_module 'Intelix DIGI-P122 DIGI-P123 v1_0_0_1'</code> <code>intelix(dvDIGIP122123, vdvDIGIP122123)</code>

## CONTROL

<b>Disable OSD Icon for Output Freeze</b> Hide on-screen icon when video is frozen	Command 'OSD ICON FREEZE=OFF' <code>send_command vdv, 'OSD ICON FREEZE=OFF'</code>
<b>Enable OSD Icon for Output Freeze</b> Show on-screen icon when video is frozen	Command 'OSD ICON FREEZE=ON' <code>send_command vdv, 'OSD ICON FREEZE=ON'</code>
<b>Disable OSD Icon for Line Mute</b> Hide on-screen icon when line audio is muted	Command 'OSD ICON LINE=OFF' <code>send_command vdv, 'OSD ICON LINE=OFF'</code>
<b>Enable OSD Icon for Line Mute</b> Show on-screen icon when line audio is muted	Command 'OSD ICON LINE=ON' <code>send_command vdv, 'OSD ICON LINE=ON'</code>
<b>Disable OSD Icon for Mic Mute</b> Hide on-screen icon when mic audio is muted	Command 'OSD ICON MIC=OFF' <code>send_command vdv, 'OSD ICON MIC=OFF'</code>
<b>Enable OSD Icon for Line Mute</b> Show on-screen icon when mic audio is muted	Command 'OSD ICON LINE=ON' <code>send_command vdv, 'OSD ICON MIC=ON'</code>
<b>Don't Show Active Source On-Screen</b> Send to disable on-screen display of source	Command 'OSD SOURCE=OFF' <code>send_command vdv, 'OSD SOURCE=OFF'</code>
<b>Show Active Source On-Screen</b> Send to show source on-screen	Command 'OSD SOURCE=ON' <code>send_command vdv, 'OSD SOURCE=ON'</code>
<b>Disable On-Screen Volume Bar</b> Send to hide volume bar display	Command 'OSD VOLUME BAR=OFF' <code>send_command vdv, 'OSD VOLUME BAR=OFF'</code>
<b>Enable On-Screen Volume Bar</b> Send to show volume bar display	Command 'OSD VOLUME BAR=ON' <code>send_command vdv, 'OSD VOLUME BAR=ON'</code>

**Set Output Aspect Native Off**

Send to set output aspect ratio manually

Command 'OUTPUT ASPECT NATIVE=OFF'  
send\_command vdv, 'OUTPUT ASPECT  
NATIVE=OFF'

**Set Output Aspect Native On**

Send to set output aspect ratio to match output device

Command 'OUTPUT ASPECT NATIVE=ON'  
send\_command vdv, 'OUTPUT ASPECT  
NATIVE=ON'

**Force Output Aspect 16:9**

Send to force output aspect ratio to 16:9

Command 'OUTPUT ASPECT NATIVE=16X9'  
send\_command vdv, 'OUTPUT ASPECT=16X9'

**Force Output Aspect 4:3**

Send to force output aspect ratio to 4:3

Command 'OUTPUT ASPECT NATIVE=4X3'  
send\_command vdv, 'OUTPUT ASPECT=4X3'

**Poll All**

Send to poll unit for true feedback

Command 'POLL'  
send\_command vdv, 'POLL'

**Set Resolution to 1920x1080 (1080p)**

Send to set resolution to 1080p

Command 'RESOLUTION=1080P'  
send\_command vdv, 'RESOLUTION=1080P'

**Set Resolution to 1280x720 (720p)**

Send to set resolution to 720p

Command 'RESOLUTION=720P'  
send\_command vdv, 'RESOLUTION=720P'

**Set Resolution to 1360x768 (HD)**

Send to set resolution to HD

Command 'RESOLUTION=HD'  
send\_command vdv, 'RESOLUTION=HD'

**Set Resolution to 1280x800 (WXGA)**

Send to set resolution to WXGA

Command 'RESOLUTION=WXGA'  
send\_command vdv, 'RESOLUTION=WXGA'

**Set Resolution to 1024x768 (XGA)**

Send to set resolution to XGA

Command 'RESOLUTION=XGA'  
send\_command vdv, 'RESOLUTION=WGA'

**Trigger VGA Auto-adjust**

Execute auto-adjust on VGA input signal

Command 'VGA AUTOADJUST'  
send\_command vdv, 'VGA AUTOADJUST'

**Route to Output**

1-4: HDMI 1-4, 5-8: VGA 1-4, 9-10: Composite 1-2,  
11: Component, 12: S-Video

Level 1: 1-12  
send\_level vdv, 1, 3

**Set Mic Volume**

Set value to adjust gain of mic input

Level 2: 0-255  
send\_level vdv, 2, 96

**Set Line Volume**

Set value to adjust gain of line input

Level 3: 0-255  
send\_level vdv, 3, 192

**Set Custom Picture Brightness**

Set value to adjust brightness of output image

Level 5: 0-255  
send\_level vdv, 5, 128

**Set Custom Picture Contrast**

Set value to adjust contrast of output image

Level 7: 0-255  
send\_level vdv, 7, 128

**Set Custom Picture Saturation**

Set value to adjust saturation of output image

Level 8: 0-255  
send\_level vdv, 8, 128

<b>Set Custom Picture Sharpness</b> Set value to adjust sharpness of output image	Level 9: 0-255 send_level vdv, 9, 128
<b>Set Mic Mute</b> Turn on channel to mute mic, turn off to unmute	On/Off Channel 25 on[vdv, 25]/off[vdv, 25]
<b>Set Line Mute</b> Turn on channel to mute line input, turn off to unmute	On/Off Channel 26 on[vdv, 26]/off[vdv, 26]
<b>Poll All</b> Pulse to poll unit for true feedback	Pulse Channel 1 pulse[vdv, 1]
<b>Show System Menu</b> Pulse to toggle on-screen menu	Pulse Channel 44 pulse[vdv, 44]
<b>Menu Navigate Up</b> Pulse to emulate remote Up button	Pulse Channel 45 pulse[vdv, 45]
<b>Menu Navigate Down</b> Pulse to emulate remote Down button	Pulse Channel 46 pulse[vdv, 46]
<b>Menu Navigate Left</b> Pulse to emulate remote Left button	Pulse Channel 47 pulse[vdv, 47]
<b>Menu Navigate Right</b> Pulse to emulate remote Right button	Pulse Channel 48 pulse[vdv, 48]
<b>Menu Navigate Select</b> Pulse to emulate remote Select button	Pulse Channel 49 pulse[vdv, 49]
<b>Front Panel Lock</b> Pulse to disable front panel buttons	Pulse Channel 70 pulse[vdv, 70]
<b>Front Panel Unlock</b> Pulse to enable front panel buttons	Pulse Channel 71 pulse[vdv, 71]
<b>Toggle Picture Mode</b> Pulse to toggle active picture mode	Pulse Channel 72 pulse[vdv, 72]
<b>Toggle Color Temperature</b> Pulse to toggle active color temperature	Pulse Channel 73 pulse[vdv, 73]
<b>Toggle Input Aspect Ratio</b> Pulse to toggle active input aspect ratio	Pulse Channel 74 pulse[vdv, 74]
<b>Output Freeze On</b> Pulse to freeze output video	Pulse Channel 75 pulse[vdv, 75]
<b>Output Freeze Off</b> Pulse to resume output video	Pulse Channel 76 pulse[vdv, 76]
<b>Trigger VGA Auto-adjust</b> Execute auto-adjust on VGA input signal	Pulse Channel 78 pulse[vdv, 78]

#### Factory Reset

Reset unit to factory default settings

Pulse Channel 79

`pulse[vdv, 79]`

## FEEDBACK

#### Mic Muted

True feedback; reports mic audio is muted

Channel 25

`channel_event[vdv, 25]`

#### Line Muted

True feedback; reports line audio is muted

Channel 26

`channel_event[vdv, 26]`

#### Output Color Temperate is set to Cool

True feedback; active color temperature profile is Cool

String 'COLOR TEMP: COOL'

`'COLOR TEMP: COOL'`

#### Output Color Temperate is set to Normal

True feedback; active color temperature profile is Normal

String 'COLOR TEMP: NORMAL'

`'COLOR TEMP: NORMAL'`

#### Output Color Temperate is set to Warm

True feedback; active color temperature profile is Warm

String 'COLOR TEMP: WARM'

`'COLOR TEMP: WARM'`

#### Front Panel is Locked

True feedback; front panel buttons are disabled

String 'FRONT PANEL:LOCKED'

`'FRONT PANEL: LOCKED'`

#### Front Panel is Unlocked

True feedback; front panel buttons are enabled

String 'FRONT PANEL:UNLOCKED'

`'FRONT PANEL: UNLOCKED'`

#### Input Aspect Ratio is set to 4x3

True feedback; reports input set to 4x3

String 'INPUT ASPECT:4X3'

`'INPUT ASPECT: 4X3'`

#### Input Aspect Ratio is set to Full

True feedback; reports input set to Full

String 'INPUT ASPECT:FULL'

`'INPUT ASPECT: FULL'`

#### Input Aspect Ratio is set to Subtitle

True feedback; reports input set to Subtitle

String 'INPUT ASPECT:SUBTITLE'

`'INPUT ASPECT: SUBTITLE'`

#### Input Aspect Ratio is set to Wide Screen

True feedback; reports input set to Wide Screen

String 'INPUT ASPECT:WIDE'

`'INPUT ASPECT: WIDE'`

#### Line Volume Value

True feedback; gain of line input

String 'LINE VOLUME:nnn' where nnn is 0-255

`'LINE VOLUME: 192'`

#### Mic Volume Value

True feedback; gain of mic input

String 'MIC VOLUME:nnn' where nnn is 0-255

`'MIC VOLUME: 096'`

#### Active source is not shown on screen

True feedback; output video does not show selected source name

String 'OSD SOURCE:OFF'

`'OSD SOURCE: OFF'`

<b>Active source is shown on screen</b> True feedback; output video shows selected source name	String 'OSD SOURCE:ON' 'OSD SOURCE: ON'
<b>On-Screen Volume Bar is Disabled</b> True feedback; volume bar is disabled on output	String 'OSD VOLUME BAR:OFF' 'OSD VOLUME BAR: OFF'
<b>On-Screen Volume Bar is Enabled</b> True feedback; volume bar is enabled on output	String 'OSD VOLUME BAR:ON' 'OSD VOLUME BAR: ON'
<b>Input nn Routed to Output</b> True feedback, reports when routing changes	String 'OUT 01: nn' 'OUT 01: 03'
<b>Output Aspect Native is Off</b> True feedback; reports output aspect is set manually	String 'OUTPUT ASPECT NATIVE: OFF' 'OUTPUT ASPECT NATIVE: OFF'
<b>Output Aspect Native is On</b> True feedback; reports output aspect matches output device	String 'OUTPUT ASPECT NATIVE: ON' 'OUTPUT ASPECT NATIVE: ON'
<b>Output Aspect is Forced to 16:9</b> True feedback; reports output aspect is forced to 16x9	String 'OUTPUT ASPECT: 16X9' 'OUTPUT ASPECT: 16X9'
<b>Output Aspect is Forced to 4:3</b> True feedback; reports output aspect is forced to 4x3	String 'OUTPUT ASPECT: 4X3' 'OUTPUT ASPECT: 4X3'
<b>Output Freeze is Off</b> True feedback; output video is not frozen	String 'OUTPUT FREEZE: OFF' 'OUTPUT FREEZE: OFF'
<b>Output Freeze is On</b> True feedback; output video is frozen	String 'OUTPUT FREEZE: ON' 'OUTPUT FREEZE: OFF'
<b>Custom Picture Brightness value is nnn</b> True feedback; custom brightness of output image	String 'PICTURE BRIGHTNESS:nnn' where nnn is 0-255 'PICTURE BRIGHTNESS: 128'
<b>Custom Picture Contrast value is nnn</b> True feedback; custom contrast of output image	String 'PICTURE BRIGHTNESS:nnn' where nnn is 0-255 'PICTURE CONTRAST: 128'
<b>Output Picture Mode is set to Bright</b> True feedback; active output picture mode is Bright	String 'PICTURE MODE: BRIGHT' 'PICTURE MODE: BRIGHT'
<b>Output Picture Mode is set to Custom</b> True feedback; active output picture mode is custom	String 'PICTURE MODE: CUSTOM' 'PICTURE MODE: CUSTOM'
<b>Output Picture Mode is set to Soft</b> True feedback; active output picture mode is Soft	String 'PICTURE MODE: SOFT' 'PICTURE MODE: SOFT'
<b>Output Picture Mode is set to Standard</b> True feedback; active output picture mode is Standard	String 'PICTURE MODE: STANDARD' 'PICTURE MODE: STANDARD'
<b>Custom Picture Saturation value is nnn</b> True feedback; custom saturation of output image	String 'PICTURE SATURATION:nnn' where nnn is 0-255 'PICTURE SATURATION: 128'

**Custom Picture Sharpness value is nnn**  
True feedback; custom sharpness of output image

String 'PICTURE SHARPNESS:nnn' where nnn is 0-255  
' PICTURE SHARPNESS: 128 '

**Output Resolution is 1920x1080 (1080p)**  
True feedback; reports output resolution is 1080p

String 'RESOLUTION:1080P'  
' RESOLUTION: 1080P '

**Output Resolution is 1280x720 (720p)**  
True feedback; reports output resolution is 720p

String 'RESOLUTION:720P'  
' RESOLUTION: 720P '

**Output Resolution is 1360x768 (HD)**  
True feedback; reports output resolution is HD

String 'RESOLUTION:HD'  
' RESOLUTION: HD '

**Output Resolution is 1280x800 (WXGA)**  
True feedback; reports output resolution is WXGA

String 'RESOLUTION:WXGA'  
' RESOLUTION: WXGA '

**Output Resolution is 1024x768 (XGA)**  
True feedback; reports output resolution is XGA

String 'RESOLUTION:XGA'  
' RESOLUTION: XGA '