

PIXNET Web API

Various functions of PIX recorders can be controlled and monitored via HTTP requests to the unit's IP address (As displayed on the OSD and configured from the Setup Menu options **[Network - IP Address]**).

*Cross-Origin Resource Sharing (CORS) headers are used on all HTTP responses, with "Access-Control-Allow-Origin: *". This allows scripts from other domains to access these URL's.*

The PIX recorder serves its own HTML/Javascript client on port 80 of its IP address. This client uses the PIXNET web API itself and may already provide the desired functionality for your workflow.

Quick Start Examples

These examples assume the IP address of the PIX recorder is 192.168.1.5. All messages are standard HTTP requests.

Trigger Recording

Message:

`http://192.168.1.5/sounddevices/settransport/rec`

Result: REC button illuminate and recording will begin. If no media is present, a dialog will be displayed and recording will not begin.

Stop Recording (Or Playback)

Message:

`http://192.168.1.5/sounddevices/settransport/stop`

Result: STOP button will illuminate and playback/recording will stop. The file will be finalized. If transport is already stopped, command will be ignored.

Trigger Playback

Message:

`http://192.168.1.5/sounddevices/settransport/play`

Result: PLAY button will illuminate and playback will begin. If playback is already occurring, PLAY button will flash and playback will pause. If playback is not occurring, command will be ignored.

Get Transport State

Message:

`http://192.168.1.5/sounddevices/transport`

Result: HTTP response will return a JSON encoded string with information about the current transport state and the current file name. Example: {"Transport": "stop", "FileName": "PIX_001_003.mov"}.

Set the Scene Name

Message:

`http://192.168.1.5/sounddevices/setsetting/SceneName=Honeydew`

Result: Value of SEtyup Menu option **[File Storage - Scene/Shot]** will be set to “Honeydew”.

HTTP Command Reference

This section provides a reference for all HTTP commands that the PIX recorder will understand. Primary commands are commands that are equivalent to physically pressing a button on the recorder, secondary commands perform common tasks, and tertiary commands are less used, more advanced functions.

- All messages are HTTP requests.
- [host] must be replaced by the IP address or host name of the PIX recorder to be controlled.
- In the Message row, text brackets (“[” and “]”) indicate variable text that should be replaced as described in the Values row (Do not include brackets in message).
- In the Values row, string values are indicated by quotation marks and are case sensitive (Do not include quotation marks in the message).
- When no response is indicated, the PIX recorder will still deliver a standard HTTP 200 OK header. Note that this is a response from the web server only, and not necessarily indicative of successful execution of the sent command.

Primary Commands

Set the Transport

Set the transport state of the unit. Sending a “play” command while the unit is currently playing will pause playback.

Message	<code>http://[host]/sounddevices/settransport/[TransportState]</code>
Values	<code>[TransportState]</code> <ul style="list-style-type: none">• “play”• “stop”• “rec”

Get the Transport State

Request current transport state and filename of the unit.

Message	<code>http://[host]/sounddevices/transport</code>
Response	Format: JSON Example: {"Transport": "stop", "FileName": "PIX_001_003.mov"}

Initiate Fast Forward or Fast Reverse Playback

Set playback speed and direction. This command will have no effect when the transport state is “stop” or “rec”.

Message	<code>http://[host]/invoke/RemoteApi/fastForwardPlay(PlaybackSpeed)/1/10,[PlaybackSpeed]</code> <code>http://[host]/invoke/RemoteApi/fastReversePlay(PlaybackSpeed)/1/10,[PlaybackSpeed]</code>
Values	<code>[PlaybackSpeed]</code> <ul style="list-style-type: none">• “PlayX2”• “PlayX16”

Initiate a False Take

Declare previous file as a false take. This command will trigger a dialog with “OK” and “Cancel” buttons. To complete the false take process remotely, the closeMessageBox() command (See “Push Button” section) must be sent.

Message	http://[host]/sounddevices/invoke/RemoteApi/falseTake()
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Secondary Commands

Get Timecode Value

Request the current timecode. Response is a string in the format of HH:MM:SS:FF.

Message	http://[host]/sounddevices/tmcode
Response	Format: String Example: 01:12:09:22

Get Timecode Framerate

Request current timecode frame rate of the unit.

Message	http://[host]/sounddevices/framerate
Response	Format: String Example: 29.97ND

Get a List of PIX Recorders on the Network:

IP address and name of all PIX units on the network known to the queried unit. The name of the queried unit is denoted with a leading * character.

Message	http://[host]/sounddevices/devtbl
Response	Format: JSON Example: {"DevTable":{"*PIX260*": "192.168.1.101"}, {"PIX260A": "192.168.1.102"}, {"FRONT77": "192.168.1.103"}}

Set PIX's Device Name

Change the name of the PIX.

Message	http://[host]/sounddevices/invoke/NetworkManager/setDeviceName(QString)/1/10,[DeviceName]
Values	[DeviceName] • [String] <i>The new name of the device. Alpha-numeric characters, spaces, and dashes only.</i>

Change a Setting

Set a single setting by name with name=value syntax. [setting] must be exactly as listed in the Setting Names section. [value] must be exactly as shown in the Setup Menu on the unit for the corresponding setting. All must be URL encoded.

Message	http://[host]/sounddevices/setsetting/[setting]=[value]
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Values	<p>[setting]</p> <ul style="list-style-type: none"> [String] The exact name (Case sensitive) of the setting as indicated in the Setting Names section. 	<p>[value]</p> <ul style="list-style-type: none"> [String] The exact value (Case sensitive) of the setting as indicated in the Setting Names section. Settings that take custom values (i.e. SceneName) have certain restrictions as indicated in the Setting Names section.
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Get Absolute Time Value

Request the absolute time. Response will be the entire phrase as it is displayed on the unit OSD (including transport state).

Message	http://[host]/sounddevices/invoke/RemoteApi/displayedFileTime()
Response	JSON
Response	<p>Format: JSON</p> <p>Example: {"String": "00:003:01.9 [PLAY]"}</p>

Jam Received Timecode Value

Jam timecode to the value of current incoming timecode (as determined by Setup Menu option [Timecode/Sync - Timecode Mode])

Message	http://[host]/sounddevices/invoke/RemoteApi/jamReceivedTc()
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Jam Time-of-Day

Jam timecode to the current time of day.

Message	http://[host]/sounddevices/invoke/RemoteApi/jamTimeOfDay()
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Set Gain of an Input

Set an input's gain value. [InputIndex] is a zero-based index of the input to adjusted. [GainValue] is an integer (signed) representing tenths of a dB (10 = 1.0 dB). To turn an input OFF, set its gain value to -2550.

Message	http://[host]/sounddevices/invoke/RemoteApi/setInputGain(int,int)/2/5,[InputIndex]/5,[GainValue]	
Response	No response	
Values	<p>[InputIndex]</p> <ul style="list-style-type: none"> [Integer] 	<p>[GainValue]</p> <ul style="list-style-type: none"> [Integer] -250 - 200 (-2550 = OFF)

Get Next File Name

Retrieve the name and path of the next file. This is the file that will be created if record is initiated.

The extension of this file will be ".sda" for audio or ".sdv" for video. This alludes to the PIX recorder's feature of recording to temporary file formats that can be more easily recovered in case of power lose during recording.

Message	http://[host]/sounddevices/invoke/RemoteApi/getNextFilename()
Response	<p>Format: JSON</p> <p>Example: {"String": "/HDD/1/GPG-A-003.sda"}</p>

Get Current File Name

Retrieve the name and path of the current file. This is the file that was created last.

Message	http://[host]/sounddevices/invoke/RemoteApi/currentRecordTake()
Response	Format: JSON Example: {"String": "/HDD/1/GPG-A-002.wav"}

Get Previous File Name

Retrieve the name and path of the previous file. This is the file that was recorded before the current file.

Message	http://[host]/sounddevices/invoke/RemoteApi/previousRecordTake()
Response	Format: JSON Example: {"String": "/HDD/1/GPG-A-001.wav"}

Tertiary Commands

Simulate a Key Press

Simulate pressing a physical button on the unit. Buttons are referenced by [KeyCode] with a hexadecimal value according to the following list. A press and release action, press only, or release only must be specified with [KeyEvent Type].

Message	http://[host]/sounddevices/invoke/RemoteApi/simulateKey(int,KeyEvent Type)/2/5,[KeyCode]/10,[KeyEvent Type]	
Values	[KeyCode]	[KeyEvent Type]
	<ul style="list-style-type: none"> • "0x01000080" (Play) • "0x01000081" (Stop) • "0x01000082" (RW) • "0x01000083" (FF) • "0x01000084" (Record) 	<ul style="list-style-type: none"> • "0x0100004e" (Audio) • "0x0100004f" (LCD) • "0x01000050" (Files) • "0x01000051" (Menu) • "0x01000004" (Encoder)
		<ul style="list-style-type: none"> • "KeyPressAndRelease" • "KeyPress" • "KeyRelease"

An example of a press-and-release of the MENU button:

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http://[host]/sounddevices/invoke/RemoteApi/simulateKey(int,KeyEvent Type)/2/5,0x01000051/10,KeyPressAndRelease
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Get a Setting Value

Request the value of one or more settings. [setting] must be exactly as listed in the Setting Names section. Multiple settings are separated by commas.

Message	http://[host]/sounddevices/getsettings/[setting],[setting],[setting]
Response	Format: JSON Example: (Request: http://[host]/sounddevices/getsettings/VideoInput,HeadphoneSource) {"Settings":{"VideoInput":"SDI","HeadphoneSource":"All tracks summed - stereo"},"Linked":{"VideoInput":1,"HeadphoneSource":1}}
Values	[setting] • [String] The exact name (Case sensitive) of the settings as indicated in the Setting Names section.

Get Video Input Information

Request video input information as it is shown on the OSD.

Message	http://[host]/sounddevices/invoke/RemoteApi/displayedVideoInputSource()
Response	Format: JSON Example: {"String": "SDI In: 1080i59.94/8b"}

Dialog Control

"Push" a button on a displayed message box.

Message	http://[host]/sounddevices/invoke/RemoteApi/closeMessageBox(QString)/1/10,[ButtonText]
Values	[ButtonText] • [String] <i>The text exactly as displayed on the button on the LCD (Case sensitive)</i>

Set Dialog Windows to Dismiss Automatically

Enable automatic message box dismissal, so any popup message on the unit is automatically dismissed. Calling this method with a [Time] value of 0 will disable the automatic dismissal.

Message	http://[host]/sounddevices/invoke/RemoteApi/setAutoDismiss(int,DialogControl)/2/5,[Time]/10,[Action]
Values	[Time] • [Integer] [Action] • "Accept" • "Reject"

Get a Take List Handle

Get a take list handle in the form of an integer. A take list handle is a required argument for other take list functions. A response of {"int": "0"} indicates there are no files on the drive (empty take list).

Message	http://[host]/sounddevices/invoke/RemoteApi/takeListHandle(QString)/1/10,[DriveID]
Response	Format: JSON Example: {"int": "1"}
Values	[DriveID] • "HDD" • "HD2" • "HD3" • "HD4"

Get Information on a Take

Get a single take list item given a take list handle. [TakeListHandle] will be an integer as obtained from the takeListHandle() method. The [Which] operator moves a pointer through the take list items and then returns the item moved to. The [Which] operator "CurrentEntry" only returns the current entry and does not move the pointer.

The take list is ordered by the date/time recorded and reel groups are defined by single reel entries (as shown in the response example). The items in array of the JSON object ArrayStrings are (in order): Type ("Reel" / "Clip" / "File"), Name (Reel number / clip name / file name), Created (time/date that the item was created), and Size (size in GB/MB/KB of the item).

Message	http://[host]/sounddevices/invoke/RemoteApi/takeListEntry(int,TakeAccess)/2/5,[TakeListHandle]/10,[Which]
Response	Format: JSON Example: {"ArrayStrings":["Reel","Reel 001 [6]","Dec 4, 2:38PM","5.35 GB"]}

Values	<p>[TakeListHandle]</p> <ul style="list-style-type: none"> • [Integer] <i>As obtained with the takeListHandle() method</i> 	<p>[Which]</p> <ul style="list-style-type: none"> • "FirstEntry" • "NextEntry" • "CurrentEntry" • "NextSibling" • "ChildEntry"
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Get Detailed Information on a File

Get detailed information about a file.

Details returned:

- Audio format (Sample rate, bit depth, channel count)
- Circled (boolean)
- codec (ProRes or DNxHD for video, poly or mono for audio)
- Created (timestamp)
- Duration
- File size
- Media (Drive and reel path)
- Notes
- Scene name
- Take
- Timecode framerate
- Timecode start value
- User bits
- Video format (Video only)

Message	http://[host]/sounddevices/filedetails/[FilePath]
Response	<p>Format: JSON</p> <p>Example: {"FileDetails":{"audioFormat":"48.00k/24b/8ch","circled":"FALSE","codec":"BWAVPoly","created":"Today, 10:43AM","duration":"1s","fileSize":"0.00 GB","media":"/HDD/ZZ","notes":"","sceneName":"Scene 1","take":"10","timecodeRate":"29.97ND","timecodeStart":"00:00:11:08","userbits":"00:00:00:00","videoFormat":"--"}}</p>
Values	<p>[FilePath]</p> <ul style="list-style-type: none"> • [String] <i>The full path of the file to be copied (Case-sensitive)</i>

Retrieve Phrase List

When entering notes into metadata, a list of phrases is available. This list can be retrieved via the remote API.

Message	http://[host]/sounddevices/getlistsetting/PhraseList
Response	<p>Format: JSON</p> <p>Example: {"PhraseList":["High wind","Aircraft noise","Good take","Bears punt on 4th down again"]}</p>

Update Phrase List

When entering notes into metadata, a list of phrases is available. This list can be updated via the remote API. This command replaces the current phrase list with the list sent.

Message	http://[host]/sounddevices/setlistsetting/PhraseList/[Phrase],[Phrase],[Phrase]
Values	<p>[Phrases]</p> <ul style="list-style-type: none"> • [String] <i>Comma-separated list of phrases.</i>

Get Drive Status

Get information about a chosen drive connected to the unit. The information is the same as what is shown on the LCD of the unit itself.

Message	http://[host]/sounddevices/invoke/RemoteApi/displayedDriveStatus(QString)/1/10,[DriveID]	
Response	Format: JSON Example: {"String": "D1:54h47"}	
Values	[DriveID] <ul style="list-style-type: none"> • "HDD" • "HD2" • "HD3" • "HD4" 	

Format All Drives

Initiate a format of all connected drives. This command will cause a dialog to be displayed with the message "Format Drives. Continue?", and the buttons "OK" and "Cancel". To initiate the formatting process remotely, the closeMessageBox() command (See "Push Button" section) must be sent.

Message	http://[host]/sounddevices/invoke/RemoteApi/formatAllDrives(QString,QString)/2/10,[Label]/10,EXFAT	
Values	[Label] <ul style="list-style-type: none"> • [String] <i>Alpha-numeric characters, spaces, and dashes only.</i> 	

Create Sound Report

Create a .csv sound report on for the current reel on all connected drives.

Message	http://[host]/sounddevices/invoke/RemoteApi/createSoundReportCurrentReel()	
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Create Sound Report for Specific Reel and Drive

Create a .csv sound report for the specified reel on the specified drive.

Message	http://[host]/sounddevices/invoke/RemoteApi/createSoundReport(QString,QString)/2/10,[DriveID]/10,[ReelName]	
Values	[DriveID] <ul style="list-style-type: none"> • "HDD" • "HD2" • "HD3" • "HD4" 	[ReelName] <ul style="list-style-type: none"> • [String] <i>The exact name of the reel (Case-sensitive)</i>

Copy a File From One Drive to Another

Copy a file (Specified by path) to another drive. This will trigger a dialog that will confirm the operation or warn if the file already exists and confirm an overwrite. The dialog will display the buttons "Yes" and "Cancel". To initiate the copying process remotely, the closeMessageBox() command (See "Push Button" section) must be sent.

Message	http://[host]/sounddevices/filecopy/[FilePath],[DriveID]	
Values	[FilePath] <ul style="list-style-type: none"> • [String] <i>The full path of the file to be copied (Case-sensitive)</i> 	[DriveID] <ul style="list-style-type: none"> • "HDD" • "HD2" • "HD3" • "HD4"

Copy a Reel From One Drive to Another

Copy a reel (Specified by path) to another drive. This will trigger a dialog that will confirm the operation or warn if the files already exist and confirm overwrite(s). The dialog will display the buttons “Yes” and “Cancel”. To initiate the copying process remotely, the closeMessageBox() command (See “Push Button” section) must be sent.

Message	http://[host]/sounddevices/filecopy/[ReelPath],[DriveID]	
Values	[ReelPath] <ul style="list-style-type: none"> • [String] <i>The full path of the reel to be copied (Case-sensitive). No trailing slash should be included. For example, if the reel to be copied from drive 1 to drive 2 s named “ZZ”: /sounddevices/filecopy/HDD/ZZ,HD2</i> 	[DriveID] <ul style="list-style-type: none"> • “HDD” • “HD2” • “HD3” • “HD4”

Event Polling

Get the last message from the recorder's event stack. This message is designed to be polled continuously in up to 200 ms intervals. The responses vary.

The event manager is not aware of different clients and there are no sessions. When an event is requested, it is also removed from the queue. This means that only one client should make requests to the update URL at any given time. For example, making requests to the event queue will disrupt a PIXNET session on the same unit.

Message	http://[host]/sounddevices/update
Response	Format: JSON
Description	<p>Response Examples</p> <ul style="list-style-type: none"> • {"Setting": "LineOutput 7 Track 32"} Setting Change. Indicates a setting has changed on the unit, and what the new value is. Pipe (" ") separated values. First element is the Setting Name. Second element is an integer indicating the zero-based index for the setting, if there is one. Third element is the new value. In the example above, the setting [Audio - Line Output - Line Output 8] has changed to the value of "Track 32". • {"Transport": "stop"} Transport state change. Indicates the transport state has changed and what the new transport state is. • {"FileName": "C_Scene 1_001.mov"} Filename has changed. Indicates the current filename has changed, and what the name of the new file is. • {"TextMsg": "Format Drive 1 Format Drive. Continue? OK;Cancel"} Popup message has occurred on the unit's screen. Pipe (" ") separated values. First element is the type of message. Second element is the message text. Third element is unused. Fourth element is a semi-colon (";") separated list of button texts (see /invoke/RemoteApi/closeMessageBox()). • {"MessageBoxClosed": ""} Popup message has closed. This event will fire when the message box closes for any reason. • {"VideoTimingChanged": ""} Video sync has changed. A cue to check video input resolution and frame rate. • {"DisplayedTimeCode": "00:18:19:28"} Timecode value at the time the event fired. This event will not occur by default. The event can be scheduled to repeat at a defined interval (see /invoke/RemoteApi/enableDispTimecodeEvents()) • {"InputGainChanged": "0 1.0"} Input gain change. Indicates an input's gain has changed and what the new gain value is. Pipe (" ") separated values. First element is the zero-based index of the input. Second element is the new value (in dB). • {"MaxEventsExceeded": ""} Indicates that many settings have changed at once, so a full state refresh is required.

Setting Names

Use the following table to determine the correct Setting Name to use when changing settings. The table is organized by the Setup Menu sections on the PIX recorder interface. Cross-reference the parameter name (the name shown in the PIX recorder interface) to the setting name (the name to use in HTTP requests).

Brackets denote syntax declarations and are not to be used explicitly. [foo | bar] indicates that either the value “foo” or “bar” should be used. [1-10] indicates a number range: Any number between 1 and 10.

All value options must be URL encoded. i.e. space characters must be %20, etc.

Video/Audio Mode

Parameter Name	Setting Name	Options
Video/Audio Mode	RecordFormat	» Video + Audio (Quicktime) • Audio Only (Wave)

File Storage

Parameter Name	Setting Name	Options
Record Mode	RecordMode	» Simultaneous • Sequential
Drive Record/Network Mode	RecordToDrive[1-4]	• Off » Record • Ethernet File Transfer • Switch to Network upon Full
Quicktime File Split Every	FileSplitTime	• 1 min • 5 min • 10 min • 15 min • 30 min » Split Disabled (10 Hours Max)
Wave File Split Every	FileSplitSize	• 2 GB » 4 GB
File Name Format	FileNameFormat	» Drive_Reel_Clip • Reel_Clip • CamID_Reel_Clip • Reel_Scene_Take • Scene_Take • RED File Format • Arri File Format
File Name Prefix	FileNamePrefix	• Off » PIX Name
CamID	CameraID	» A (single alpha to “Z”).
Reel	ReelNumber	• 1 (numeric)
Clip	ClipNumber	» 1 (numeric)
Scene/Shot	SceneName	» “Scene 1” (multi alphanumeric)

Parameter Name	Setting Name	Options
Take	TakeNumber	» 1 (numeric)

Video

Parameter Name	Setting Name	Options
Video Input	VideInput	• HDMI » SDI
File Resolution/Rate	RecordFrameResolution	» Same as Video Input • 1080p30/29.97 • 1080p25 • 1080p24/23.976 • 1080i60/59.94 • 1080i50 • 1080PsF30/29.97 • 1080PsF25 • 1080PsF24/23.976 • 720p60/59.94 • 720p50 • 720p30/29.97 • 720p25 • 720p24/23.976 • 576i59 (PAL) • 480i59.94 (NTSC)
Codec	RecordCodec	• DNxHD 220x 220Mb/s, 10bit • DNxHD 220 220Mb/s, 8bit • DNxHD 145 145Mb/s, 8bit • DNxHD 36 36Mb/s, 8bit • ProRes 4444 330Mb/s, 12bit • ProRes 422HQ 220Mb/s, 10bit » ProRes 422 145Mb/s, 10bit • ProRes 422LT 100Mb/s, 8bit • ProRes 422Proxy 36Mb/s, 8bit
Up Conversion	UpConversion	• 4:3->16:9 Anamorphic » 4:3->16:9 Pillar Box • 4:3->16:9 Zoom Letterbox • 4:3->16:9 Zoom 14:9 • 4:3->16:9 Zoom Wide
Down Conversion	DownConversion	» 16:9->4:3 Letterbox • 16:9->4:3 Crop • 16:9->4:3 Anamorphic
Input PsF Detect	PsFDetection	» Auto • Interpret 1080i as PsF
SDI Output Type	SDIOutputType	» HD (4:2:2 10-bit) • 3G (4:4:4 12-bit)
Video Output OSD	OutputVideoOSD	» Off • SDI out • HDMI out • SDI + HDMI out

Audio

Parameter Name	Setting Name	Options
Audio Mode Sample Rate	AudioSampleRate	<ul style="list-style-type: none"> • 44.1 kHz • 47.952k • 47.952kF » 48k • 48.048k • 48.048kF
Audio Mode Bit Depth	AudioBitDepth	<ul style="list-style-type: none"> • 16-bits » 24-bits
Audio Mode Pre-Roll Time	PrerollTime	<ul style="list-style-type: none"> • 0 secs • 1 secs » 2 secs • 3 secs • 4 secs • 5 secs • 6 secs • 7 secs • 8 secs • 9 secs • 10 secs
Input Gain Linking	InputGainLinking	<ul style="list-style-type: none"> » Off • On
Input Delay Linking	InputDelayLinking	<ul style="list-style-type: none"> » Off • On
HDMI/AES Select	AesHdmiSelect	<ul style="list-style-type: none"> » HDMI Inputs • AES Inputs
HP Source	HeadphoneSource	<ul style="list-style-type: none"> • 1,2 • 3,4 • 5,6 • 7,8 • 9,10 • 11,12 • 13,14 • 15,16 • 17,18 • 19,20 • 21,22 • 23,24 • 25,26 • 27,28 • 29,30 • 31,32 • All tracks summed - mono » All tracks summed - stereo
Line Out Source	LineOutput/[0-7]	<ul style="list-style-type: none"> • Track 1 - Track 32 (per output) » Track 1-8 (per output)
HDMI/AES Output	AesHdmiOutput/[0-7]	<ul style="list-style-type: none"> • Track 1 - Track 32 (per output) » Track 1-8 (per output)
SDI Output	SdiOutput/[0-15]	<ul style="list-style-type: none"> • Track 1 - Track 32 (per output) » Track 1-16 (per output)
Audio Signal Generator	AudioSignalGenerator	<ul style="list-style-type: none"> » Off • On

Parameter Name	Setting Name	Options
Audio Tone Level	ToneLevel	» -20 dBFS (numeric -40 to 0)
Audio Screen Meters	AudioScreenMeters	• 8 » 16 • 32
Audio input Quick Setup	AudioInputQuickSetups	» 1-8: Off • 9-16: Off • 17-24: Off • 25-32: Off • 1-32: Off • 1-8: Line In 1-8 • 9-16: Line In 1-8 • 17-24: Line In 1-8 • 25-32: Line In 1-8 • 1-8: HDMI/AES In 1-8 • 9-16: HDMI/AES In 1-8 • 17-24: HDMI/AES In 1-8 • 25-32: HDMI/AES In 1-8 • 1-16: SDI In 1-16 • 17-32: SDI In 1-16 • 1-16: Dante Rx 1-16 • 17-32: Dante Rx 17-32

Timecode/Sync

Parameter Name	Setting Name	Options
Sync Ref - Video Playback	SyncReferenceVideo	» Internal • Video Ref (Sync In) • Video Input (SDI/HDMI)
Sync Ref - Audio Only	SyncReferenceAudio	» Internal • Wordclock (Sync in) • Video Ref (Sync In) • AES1-2 • Dante • Video Input (SDI/HDMI)
Timecode Mode	TimecodeMode	» Off • Freerun • Record run • Ext TC (LTC) » Ext TC (SDI, HDMI)
Frame Rate (Audio Only)	FrameRate	• 23.976 • 24 • 25 » 29.97 • 29.97 DF • 30 • 30 DF
Drop Frame Enable	DropFrameEnable	» Off • On

Parameter Name	Setting Name	Options
Sync Out	SyncRefOut	<ul style="list-style-type: none"> » Off • 1080p30 • 1080p29.97 • 1080p29.97df • 1080p25 • 1080p24 • 1080p23.976 • 1080i60/PsF30 • 1080i59.94/PsF29.97nd • 1080i59.94/PsF29.97df • 1080i50/PsF25 • 1080PsF24 • 1080PsF23.976 • 720p60 • 720p59.94 (29.97nd) • 720p59.94 (29.97df) • 720p50 • 720p60 • 720p30 • 720p29.97nd • 720p29.97df • 720p25 • 720p24 • 720p23.976 • 576i50 (PAL) • 480i59.94 (29.97nd NTSC) • 480i59.94 (29.97df NTSC) • Genlock, Follows Video In • Wordclock, Follows Video In
Auto-Record Hold Off	TimecodeHoldOff	<ul style="list-style-type: none"> » 0 sec (numeric 0-8)
File Start TC Offset	TimecodeStampOffset	<ul style="list-style-type: none"> » 0 (numeric -10 to +10)

LCD Monitor

Parameter Name	Setting Name	Options
Exposure Assist	ExposureAssist	<ul style="list-style-type: none"> » False Color, 12-step • False Color, 4-step • Zebras 1 • Zebras 2 • Zebras 1+2
Focus Assist	FocusAssist	<ul style="list-style-type: none"> » Peaking • Edge Enhance
Zebra 1 Level	ZebraRange	<ul style="list-style-type: none"> » 70 IRE +/-5% (numeric 50-108)
Zebra 2 Threshold	ZebraThreshold	<ul style="list-style-type: none"> » 85 IRE (numeric 70-108)
Peaking Color	PeakingColor	<ul style="list-style-type: none"> • White » Red • Blue • Green • Yellow

Parameter Name	Setting Name	Options
Peaking Sensitivity	PeakingSensitivity	<ul style="list-style-type: none"> • High » Mid • Low
Peaking Background Contrast	PeakingBackgroundContrast	<ul style="list-style-type: none"> » 1x • 0.5x • 0.25x • No Background
Vertical Flip Display	DisplayVertOrientation	<ul style="list-style-type: none"> » Off • On
Horizontal Flip Display	DisplayHoriOrientation	<ul style="list-style-type: none"> » Off • On

On-Screen Display

Parameter Name	Setting Name	Options
ABS Time	FileTime	<ul style="list-style-type: none"> » On • Off
File Codec	VideoRecCodecStatus	<ul style="list-style-type: none"> » On • Off
File Name	FileName	<ul style="list-style-type: none"> » On • Off
File Resolution/Rate	VideoRecFormatStatus	<ul style="list-style-type: none"> » On • Off
Audio Source	AudioFormatStatus	<ul style="list-style-type: none"> » On • Off
Input - Video	VideoSourceStatus	<ul style="list-style-type: none"> » On • Off
Headphone Source	HpMonitorStatus	<ul style="list-style-type: none"> » On • Off
Audio Metering	Metering	<ul style="list-style-type: none"> » On • Off
Time/date	TimeDateStatus	<ul style="list-style-type: none"> » On • Off
Timecode	Timecode	<ul style="list-style-type: none"> » On • Off
Drive (D1) status	SataStatus	<ul style="list-style-type: none"> » On • Off
Drive (D2) status	SataStatus2	<ul style="list-style-type: none"> » On • Off
Drive (D3) status	SataStatus3	<ul style="list-style-type: none"> » On • Off
Drive (D4) status	SataStatus4	<ul style="list-style-type: none"> » On • Off
RS422 Status	RS422Status	<ul style="list-style-type: none"> » On • Off
Cue Marker	CueMarkerStatus	<ul style="list-style-type: none"> » On • Off
Sync Reference	SyncReferenceStatus	<ul style="list-style-type: none"> » On • Off

Parameter Name	Setting Name	Options
Group Number	CurrentGroupNumber	» On • Off
IP Address	CurrentIpAddress	» On • Off

Remote Control

Parameter Name	Setting Name	Options
RS422	RS422Enable	• On » Off
Rec Start/Stop	RecordControl	» Off • SDI Flag - RED • SDI Flag - Panasonic • SDI Flag - Panasonic (Varicam) • SDI Flag - Canon • SDI Flag - Sony • SDI Flag - Arri • SDI Flag - PIX • Timecode
GPIO Inputs	GPIOInputs	» Active low • Active high
GPIO Outputs	GPIOOutputs	• Active low » Active high

Network

Parameter Name	Setting Name	Options
This PIX's Name	DeviceName	» PIX260
Network Group	NetworkGroup	» No Group • Group 1 • Group 2 • Group 3 • Group 4
Dante Redundancy Mode	DanteRedundancy	» Off • On
Auto IP Settings	AutoIpSettings	• Off » On

System

Parameter Name	Setting Name	Options
Power	Power	• Always On » Use Power Switch
HP Warning Bell Level	HpWarningBellLevel	» -40dBFS (Off, -60 to -12dBFS)
Time Zone	TimeZone	» (GMT-06:00) Central Time (US) (All GMT zones)
Daylight Saving	DaylightSaving	» Off • On
Time Format	TimeFormat	» 12h • 24h
Date Format	DateFormat	» MM/DD/YY • DD/MM/YY

Parameter Name	Setting Name	Options
Rec button File Split	RecordAction	<ul style="list-style-type: none"> • On » Off
Playback Start Mode	PlaybackStartMode	<ul style="list-style-type: none"> » Play immediately • Pause on First Frame
Playback Mode	PlaybackMode	<ul style="list-style-type: none"> » Play Once • Play Once - Pause • Play All • Play All - Pause • Play All - Loop • Play List • Play List - Pause • Play List - Loop