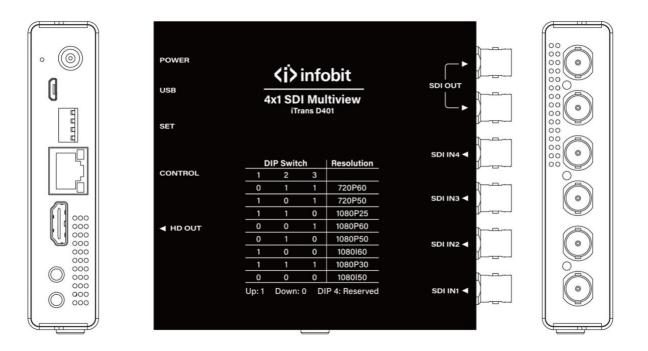


iTrans D401

4x1 3G SDI Multiviewer w/ seamless switching

User manual V1.0



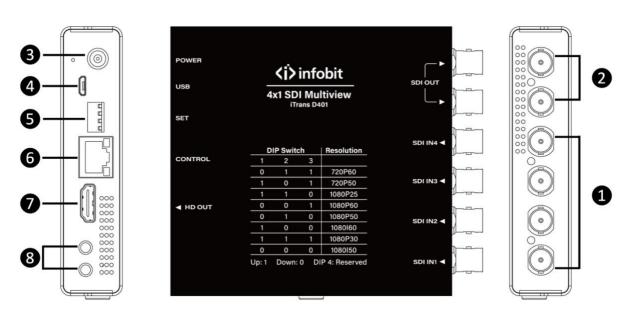


Introduction

The **iTrans D401** is a professional 4x1 SDI multiviewer that supports multiple 3G SDI signals. It supports 15x displaying mode including single image, dual images, quad images modes. With network control by the Windows-based software, the displaying modes can be switched. It **supports** seamless switching without any black screen intervals.

Key Features

- 4x 3G SDI inputs
- 2x 3G SDI mirror outputs
- 1x HDMI output
- Single image, Dual-image PIP, Dual-image POP, Quad-image split view
- Auto-cycle of single-images modes
- Adaptive input signal, optional output resolutions
- Seamless switching without any black screen intervals
- DIP switch to setup output resolutions
- With network control software
- Supports SD/ HD/ 3G SDI
- 3G SDI Level A
- With both DV and USB C power supply



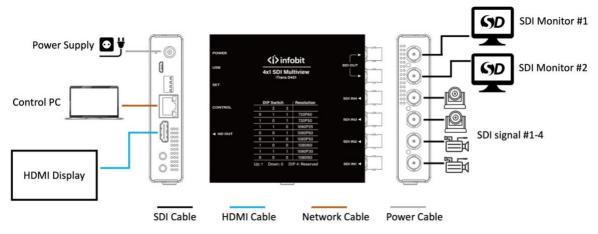
No.	Feature	Function	
1	SDI IN	4-CH SDI Inputs	
2	SDI OUT	2-CH SDI Outputs, mirror	
3	DC 12V	12V DC power supply	
4	TYPE C	TYPE C for upgrade and power supply	
5	SET	DIP switch to adjust the output resolutions	

Connections



6	RJ45	Network port, connect to PC for control
7	HDMI OUT	HDMI Output
8	Audio Out/IN	No function, reserved.

Diagram



Spec

	Ports	4-CH 3G-SDI signal inputs		
Input	Signal standard	SD/HD/3G-SDI: SMPTE		
		259/274/292/296/372/424/425		
		2-CH 3G-SDI signal outputs		
	Ports	1-CH HDMI output		
Output		SD/HD/3G-SDI: SMPTE-		
	Signal standard	259/274/292/296/372/424/425		
		HDMI: HDTV standard HDMI signal		
Size	WDH	DH 109*126*25 mm		
Weight	1.5Кg			
Power supply	DC 12V			
Operating temperature	0°C~50°C non-condensation			
Storage temperature	-20°C~75°C			

1 Install Software

Download the control software on our website: <u>www.infobitav.com/itrans-d401</u>

Install the control software <u>*iTrans D401_v1.0.1.6*</u> (version should be updated without prior notice) on your Windows PC.



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File Home Share V	/iew Application Tools				
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lessonal 🔿 📥					
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Intwork 🔮 Network					

2 Setup PC network

The control PC must be setup with the IP address (192.168.1.xxx) to make sure it is within the same subnet with the iTrans D401 (default IP **192.168.1.215**) at the first time connection.

→ ↑ 1 wetwork and Internet → Network Connection	s > v	Ö Searc	h Network Connections	
nize Disable this network device Diagnose this conne	ction Rename this connect	tion View s	status of this connection	Change s
Bluetooth Network Connection Not connected Bluetooth Device (Personal Area	network GbE Family Controller	fq Intel(R) Wi	-Fi 6 AX200 160MHz	
📱 Ethernet Properties	< Internet Protocol Vers	ion 4 (TCP/IPv4)) Properties	×
Networking Sharing	General			
Connect using: Connect using: Configure This connection uses the following items:		wise, you need to P settings.	matically if your network supp o ask your network administra	
Connection uses the following items:	Use the followin	g IP address:		
File and Printer Sharing for Microsoft Networks Gos Packet Scheduler	IP address:		192.168.1.112	
Internet Protocol Version 4 (TCP/IPv4)	Subnet mask:		255.255.255.0	
Image: Interview Adapter Multiplexor Protocol Image: Interview Adapter Multiplexor Protocol Image: Interview Adapter Ad	Default gateway:			
Internet Protocol Version 6 (TCP/IPv6)	Obtain DNS serv	ver address autor	matically	
< >>	Use the followin	g DNS server add	dresses:	_
Install Uninstall Properties	Preferred DNS ser	ver:		
Description Transmission Control Protocol/Internet Protocol. The default	Alternate DNS serv	ver:		
wide area network protocol that provides communication across diverse interconnected networks.	Validate setting	gs upon exit	Advance	ed
				_

Then click the Scan button to search and select the detected device in the dropdown list.





After the iTrans D401 being connected, the user can change the device IP address as shown on below picture:

Configure	×	
Connection Mode	LAN Port 🗸	
Dev IP	192 . 168 . 1 . 215 Change IP	
		_

3 Control the iTrans D401

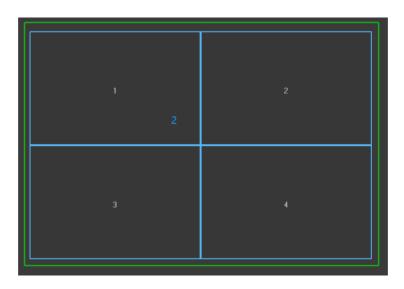
iTrans D401_192.168.1.215	1 v Scan	Please click Scan to search and select the device.
1 2	2	
3	4	3 2 1 Start 5 6
7		

3- (1) Scan and connect the iTrans D401

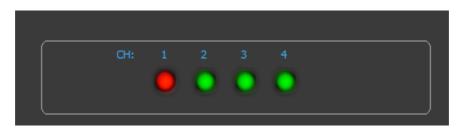


iTrans D401_192.168.1.215

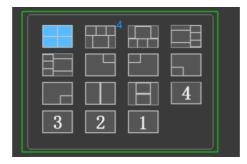
3- (2) Showing the Multiview mode with input signal number on each image.



3- (3) Status: Green means signal is available; Red means signal lost or disconnected.



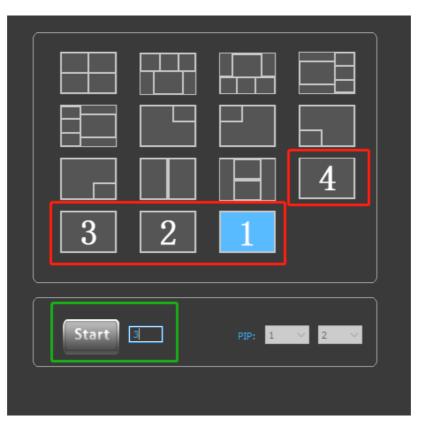
3- (4) Mode switch: Click the right displaying mode to switch among the 15x built-in layouts.



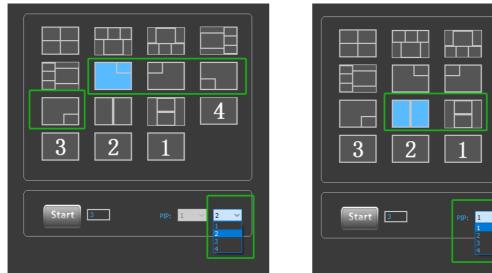
3- (5) Auto cycle: enter the auto-cycling intervals (in seconds) and click Start button. The display will auto cycle among the 4x single images modes (Single image 1, 2, 3 and 4).







3- (6) PIP: Select and switch the signal source for PIP or POP mode. Please note the first image only can be selected under POP mode and cannot be selected under PIP mode (the INPUT #1 is displaying on the background image by default under PIP mode).



3-(6)-1: PIP mode

3-(6)-2: POP mode

4

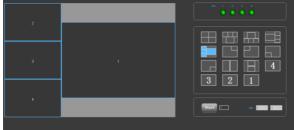
2



Quad-image modes

Under all qual-image modes, the top-left or the bigger image is always displaying the INPUT #1 SDI signal.





Setup resolution

The supported resolutions can be switched by the DIP switch.

DIP Switch					
1	2	3	Resolution		
0	1	1	720P60		
1	0	1	720P50		
1	1	0	1080P25		
0	0	1	1080P60		
0	1	0	1080P50		
1	0	0	1080160		
1	1	1	1080P30		
0	0	0	1080 50		
	Up: 1 Down: 0 DIP 4: Reserved				



Package list iTrans D401 1x DC power supply 1x User manual 1x

Technical support

For any technical support, please contact your local distributor, reseller or send email to INFOBIT directly via info@infobitav.com.