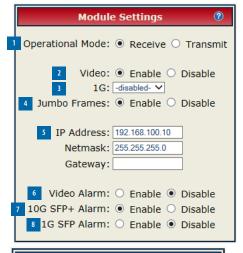
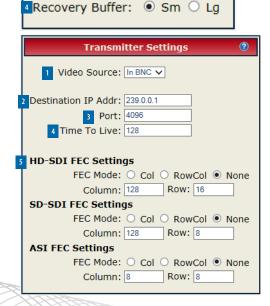


Artel ships the DLC450 configured as follows:



Video Signal Types 🕜		
1 HD-SDI: ● Enal 2 SD-SDI: ● Enal		
3 ASI: ● Enal	ole O Disable	
Receiver Settings 🕡		
1 Source IP Addr:		
2 Multicast Group:	239 0 0 1	
	200.0.0.1	



DigiLink DLC450 - HD, SD, ASI, and Gig-E Transport Over 10 Gig Ethernet Gateway

М	Module Settings Configuration		
1	Operational Mode	Sets Operational Mode relative to the 10G Video Circuit.	
2	Video	Enable/disable video transport over the 10G link.	
3	1G	Ethernet Port for 1G traffic. Options are disabled, SFP, or backplane where available.	
4	Jumbo Frames	Enables support for IP Frames that are greater than 1518 bytes and up to 9216 Bytes in size.	
5	IP Address	IP address Module uses as the source address when Transmitting Video over the 10G interface (see DLC450 manual for further details).	
6	Video Alarm	Enable Alarm on loss of active video.	
7	10G SFP+ Alarm	Enable Alarm on 10G SFP+ not present.	
8	1G SFP Alarm	Enable Alarm on 1G SFP not present.	

Vi	Video Signal Types Configuration				
1	HD-SDI	Discretely enables output of HD-SDI.			
2	SD-SDI	Discretely enables output of SD-SDI.			
3	ASI	Discretely enables output of ASI.			
Re	Receiver Settings Configuration				
1	Source IP Addr	Idr IP address that Module uses in Unicast mode to receive from.			
2	Multicast Group	Multicast address that Module uses in Multicast mode to receive from.			
3	Port	Port number setting must match the Port number setting on the TX module that you wish to receive from.			
4	Recovery Buffer	Specifies small or large recovery buffer size. Buffer size determines latency. This is further determined by the Video format applied (see DLC450 manual for further details).			
Transmitter Settings Configuration					
1	Video Source	Ī			
2	Destination Sets destination IP address to either the Multicast Group or the IP Address of the Transmitter				
3	Port	Port number setting must match the Port number setting on the RX module that you wish to transmit to.			
4	Time to Live	Sets number of route hops that a packet may make before it is dropped.			
5	FEC Mode	Specifies Forward Error Correction (FEC) settings • Specify Column or Row/Column or No FEC • Specify matrix (row and column) size (maximum Row x Column: 3000(HD),			

DLC450 Front Panel:

* Note: Confirm your network settings before connecting to your network.

• Mon Mini BNC - In TX mode, this mini BNC outputs a copy of the ASI, SD-SDI, HD-SDI signal received on the BNC in connector on the Rear Panel. In RX mode, this BNC outputs a copy of the ASI, SD-SDI, HD-SDI signal sent out the BNC out on the Rear Panel.

1500(SD), 100(ASI). (See DLC450 manual for further details.)

• RST Pushbutton - Pressing, holding in for more than 4 seconds, and then releasing this button will reset the module interrupting data transmission through the module. Reset is similar to power-up sequence of module. No user configuration data is changed during this reset.



■ DLC450 FRONT PANEL LEDS

LED	Function	Color	Description
		OFF	No power.
01/	Module	Green	No alarms.
OK	Status	Yellow	Minor alarm.
		Red	Major alarm.
		OFF	Receiver mode is selected.
		Green	TX Mode: Valid video format as
	Transmitter Mode Indicator		configured in DL Manager.
TX		Yellow	TX Mode: No video format detected
(Mode)			as configured in DL Manager.
		* Yellow	TX Mode: In Unicast mode and no
		A D I.	arp reply.
		Red	TX Mode: No link.
		OFF	Transmitter mode is selected. RX Mode: Valid video detected on
	Danairian	Green	10G interface with correct IP
RX	Receiver Mode	Giccii	configuration.
(Mode)	Indicator	Yellow	RX Mode: No video input at receiver.
		* Yellow	Packet errors detected.
		Red	RX Mode: No link.
		OFF	1G not enabled.
		Green	Link established.
		* Green	Link established with activity.
		Yellow	RX optical power high.
1G	1G SFP Link	ale V. II	1G Ethernet enabled, errors
		* Yellow	detected.
		Red	No link.
		* Red	No SFP installed, low light, or loss of
		* Neu	signal.
		OFF	ASI disabled or other rate detected.
	ASI Signal	Green	ASI enabled and ASI detected.
ASI	Mode	Yellow	ASI enabled but no signal detected.
	Indicator	Red	Input fault or ASI not enabled but ASI detected.
		OFF	SD disabled or other rate detected.
	SD Signal	Green	SD enabled and SD detected.
SD	Mode	Yellow	SD enabled but no signal detected.
35	Indicator	Tettovv	Input fault or SD not enabled but SD
		Red	detected.
		OFF	HD disabled or other rate detected.
	HD Signal	Green	HD enabled and HD detected.
HD	Mode Indicator	Yellow	HD enabled but no signal detected.
		Red	Input fault or HD not enabled but HD detected.
# Elachin	σ σreen * Fl;	* Flashing red	

Note: Install an Artel SFP+ in socket A only. Install an SFP in Socket B only.



■ DLC450 REAR PANEL LEDS

LED	Function	Color	Description
		OFF	No power.
OK	Module	Green	Normal operation.
OK	Status	Yellow	Minor alarm.
		Red	Major alarm.
		OFF	Receiver mode is selected.
	-	Green	TX Mode: Valid video format as configured in DL Manager.
TX (Mode)	Transmitter Mode Indicator	Yellow	TX Mode: No video format detected as configured in DL Manager.
		* Yellow	TX Mode: In Unicast mode and no arp reply.
		Red	TX Mode: No link.
		OFF	Transmitter mode is selected.
RX	Receiver Mode	Green	RX Mode: Valid video detected on 10G interface with correct IP configuration.
(Mode)	Indicator	Yellow	RX Mode: No video input at receiver.
		* Yellow	Packet errors detected.
		Red	RX Mode: No link.
		OFF	Not valid during normal operation.
T) (100)	10G	Green	TX Mode: Normal operation.
TX (10G)	Transmitter Mode	Red	TX Fault
	Mode	★ Red	No SFP+ Installed
		OFF	Not valid during normal operation.
		Green	Link established.
	10G	* Green	Link established with activity.
RX (10G)	Receiver	Yellow	RX optical power high.
	Mode	Red	No link.
		* Red	No SFP+ installed, low light, or loss of signal.
	1G Transmitter Mode	OFF	1G not enabled.
TV (1C)		Green	Normal operation.
TX (1G)		Red	TX fault.
	Mode	∗ Red	No SFP installed.
	1G (1G) Receiver Mode	OFF	1G not enabled.
		Green	Link established.
		* Green	Link established with activity.
		Yellow	RX optical power high.
RX (1G)		* Yellow	1G Ethernet enabled, errors detected.
		Red	No link .
		* Red	No SFP installed, low light, or loss of signal.

Sales



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