



DigiLink DLC274D - 270 Mb/s Digital Video 4-to-1 TDM De-Multiplexer with Optical Transmitter/Receiver/Repeater

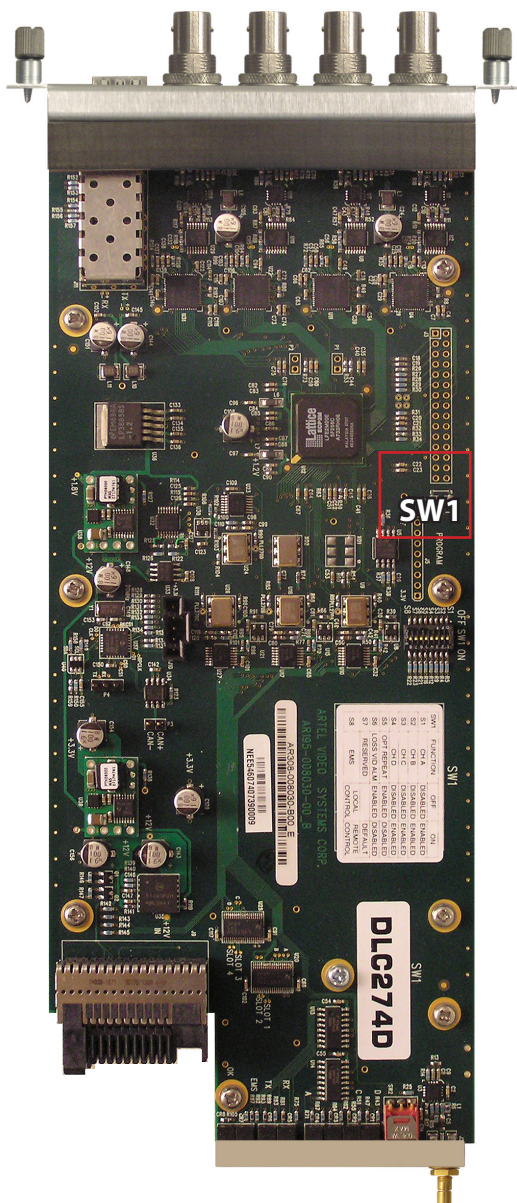
Artel ships the DLC274D configured as follows:

- All four channels enabled
- No video detected alarm disabled
- EMS override enabled (DigiLink Manager can change the DLC274D configuration)

SWITCH CONFIGURATIONS

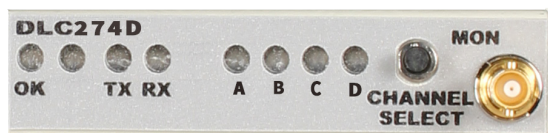
SW1 Configuration			
SW1	Function	Off	On
S1	<i>Ch A Operation</i>	Disabled	<i>Normal Operation</i>
S2	<i>Ch B Operation</i>	Disabled	<i>Normal Operation</i>
S3	<i>Ch C Operation</i>	Disabled	<i>Normal Operation</i>
S4	<i>Ch D Operation</i>	Disabled	<i>Normal Operation</i>
S5	<i>Optical TX Disable</i>	Repeater Operation	<i>Disables transmitter/ repeater</i>
S6	<i>Video Alarm Disable</i>	Alarm on video loss	<i>No alarm on video loss</i>
S7	<i>Reserved</i>	-	<i>Must be On</i>
S8	<i>EMS Override</i>	Local Control	<i>RemoteControl</i>

Factory Default: All On

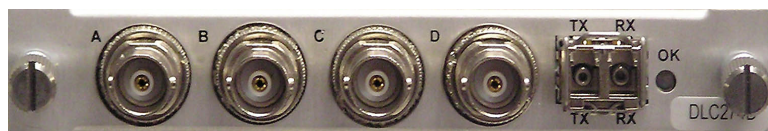


Configuration Switch Functions

SW1 Controls the channel (A, B, C and D) output operation, enabling/disabling of the optical TX (repeater) operation, controls the loss of video alarm option, and enables the EMS over ride function.



Install SFP



DIP SWITCH CONFIGURATIONS

LED	Function	Color	Description
OK	DLC274D Module Status	OFF	If power is applied to the system, an internal fault with the DLC274D may exist
		● Green	Normal operation
		● Yellow	If no other status LEDs indicate a minor alarm, then a temperature alarm is indicated
		● Red	If no other status LEDs indicate a major alarm, then an internal error is indicated, such as an onboard communications error or an onboard power error
EMS	DigiLink Manager System Status	OFF	The DLC274D module is in local mode and its configuration is controlled by the onboard configuration switches
		● Green	The DLC274D module is in remote mode and the configuration has been set by the EMS. When in remote mode, the actual configuration of the module will likely not match the settings of the configuration switches and changing the configuration switches will have no effect on the module operation
TX	Transmitter Status	OFF	Transmitter is disabled
		● Green	Normal operation (repeating input signal)
		● Red	SFP TX failure exists
		* Red	No SFP is installed
RX	Receiver Status	● Green	Normal operation
		● Yellow	Link errors detected
		* Yellow	Receive optical power is high
		● Red	No input signal or the input signal type is incorrect (not a valid DLC274M or DLC274M signal)
		* Red	Possible causes: • A low receiver power condition exists • No SFP is installed • An SFP RX failure exists
A, B, C, D	270 Mb/s Channel Status	OFF	Channel is disabled on the DLC274D or DLC274M
		● Green	270 Mb/s video detected
		● Yellow	No signal to the DLC274M
		● Red	Video input signal rate is outside the range (270 Mb +/- 100 ppm)

* Flashing yellow | * Flashing red

Sales



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