



# InfinityLink ILC274D - SD-SDI, ASI Digital Video 4 Ch TDM De-Multiplexer

Artel ships the ILC274D configured as follows:

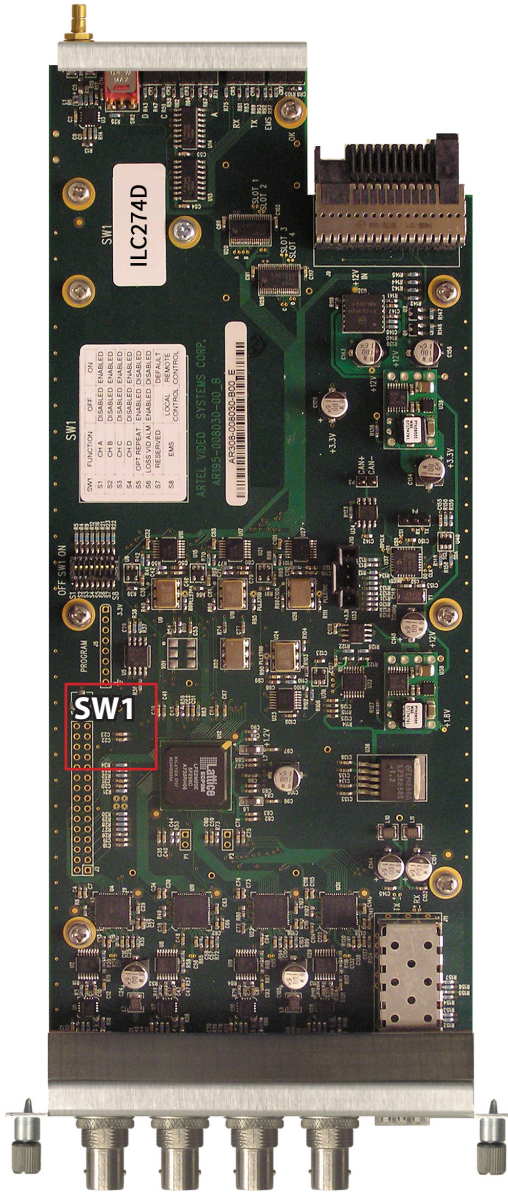
- All four channels enabled
- No video detected alarm disabled
- EMS override enabled (IL Manager can change the ILC274D configuration)

## DIP SWITCH CONFIGURATIONS

### SW1 Configuration

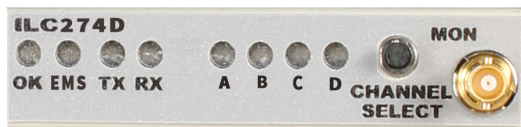
| SW1 | Function                   | Off                 | On                                    |
|-----|----------------------------|---------------------|---------------------------------------|
| S1  | <b>Ch A Operation</b>      | Disabled            | <b>Normal Operation</b>               |
| S2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

**Factory Default: All On**

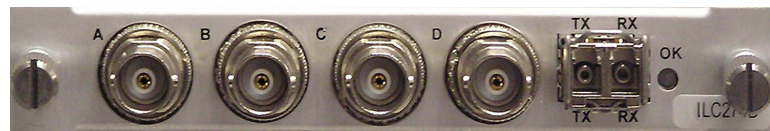


### Configuration Switch Functions

**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



## ILC274D FRONT PANEL LEDS

| LED        | Function                 | Color    | Description  |
|------------|--------------------------|----------|--|
| OK         | ILC274D Module Status    | OFF      | If power is applied to the system, an internal fault with the ILC274D 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        | IL Manager System Status | OFF      | The ILC274D module is in local mode and its configuration is controlled by the onboard configuration switches  |
|            |                          | ● Green  | The ILC274D 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 ILC274M or ILC274M signal)  |
|            |                          | * Red    | Possible causes:<br>• A low receiver power condition exists<br>• No SFP is installed<br>• An SFP RX failure exists   |
| A, B, C, D | 270 Mb/s Channel Status  | OFF      | Channel is disabled on the ILC274D or ILC274M  |
|            |                          | ● Green  | 270 Mb/s video detected  |
|            |                          | ● Yellow | No signal to the ILC274M   |
|            |                          | ● Red    | Video input signal rate is outside the range (270 Mb +/- 100 ppm)  |

\* Flashing yellow | \* Flashing red

## Sales



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