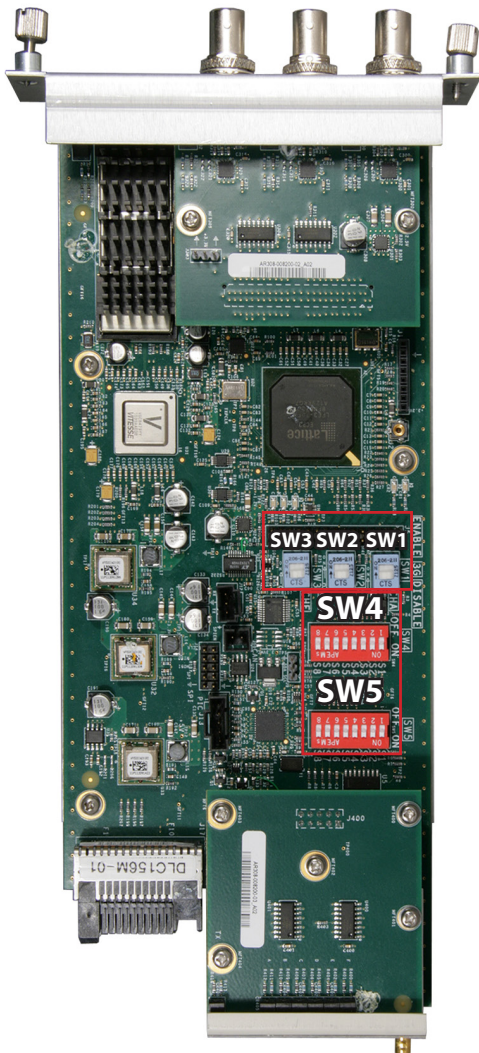




DigiLink DLC156M - Six Channel TDM Multiplexer for 3G, HD, SDI, and ASI

Artel ships the DLC156M configured as follows:

- All six channels enabled
- BNC connector selected as the source for each channel
- No video detected alarm disabled
- EMS override enabled (DigiLink Manager can change the DLC156M configuration)
- All 3G inputs disabled



DIP SWITCH CONFIGURATIONS

SW4 Channel Enables

SW4	Channel	OFF	ON		Channel	OFF	ON
S1	Channel A	Disabled	Enabled	S5	Channel E	Disabled	Enabled
S2	Channel B	Disabled	Enabled	S6	Channel F	Disabled	Enabled
S3	Channel C	Disabled	Enabled	S7	Reserved	-	-
S4	Channel D	Disabled	Enabled	S8	Reserved	-	-

Factory Default: All On

SW5 Configuration

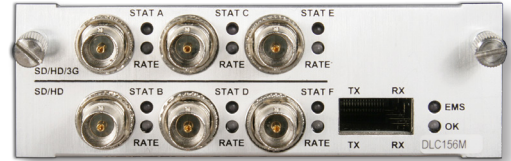
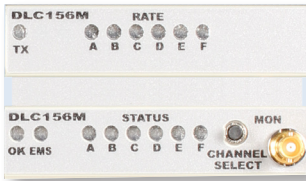
SW5	Setting	OFF	ON
S1	Channel E Source	-	Must be on
S2	Channel F Source	-	Must be on
S3	Video Alarm	Loss of video on an enabled input causes a major alarm	No Alarm
S4	Reserved	-	Must be on
S5	Reserved	-	Must be on
S6	Reserved	-	Must be on
S7	Reserved	-	Must be on
S8	EMS Enable	EMS cannot override the local switches	EMS allowed

Factory Default: All On

SW1, SW2, and SW3 Disable 3G

SW1	Rates Supported
ON	Channel A and B support SD or HD
OFF	Channel A supports SD, HD, or 3G Channel B is disabled
SW2	Rates Supported
ON	Channel C and D support SD or HD
OFF	Channel C supports SD, HD, or 3G Channel D is disabled
SW3	Rates Supported
ON	Channel E and F support SD or HD
OFF	Channel E supports SD, HD, or 3G Channel F is disabled

Factory Default: All On



FRONT PANEL LEDS

LED	Function	Color	Description
OK	DLC156M Module Status	OFF	If power is applied to the system, an internal fault may exist.
		● Green	Normal operation
		● Yellow	Minor alarm
		● Red	Major alarm
EMS	DigiLink Manager System Status	OFF	The module's configuration is controlled by the onboard configuration switches.
		● Green	The module's configuration has been set by DigiLink Manager EMS. When green, the configuration switches have no effect on the module's operation.
TX	Transmitter Status	● Green	Normal TX operation
		* Red	No XFP is installed or a transmitter fault
A, B, C, D, E, F (RATE)	Input Rate	OFF	No input signal, an SD-SDI input or an ASI input
		● Green	A HD-SDI input signal
		● Yellow	A 3G-SDI input signal
A, B, C, D, E, F (STATUS)	Input Status	OFF	Channel disabled
		● Green	Video detected on channel
		● Yellow	No video detected on channel
		● Red	Input signal rate is outside the frequency range (+/- 100 PPM)
		* Red	3G-SDI detected when 3G is not enabled

*Flashing Yellow | *Flashing Red

REAR PANEL LEDS

Function	Color	Description
DLC156M Module Status	OFF	If power is applied to the system, an internal fault may exist.
	● Green	Normal operation
	● Yellow	Minor Alarm
	● Red	Major Alarm
DigiLink Manager System Status	OFF	The module's configuration is controlled by the onboard configuration switches.
	● Green	The module's configuration has been set by DigiLink Manager EMS. When green, the configuration switches have no effect on the module's operation.
Input Rate	OFF	No input signal, an SD-SDI input or an ASI input
	● Green	A HD-SDI input signal
	● Yellow	A 3G-SDI input signal
Input Status	OFF	Channel disabled
	● Green	Video detected on channel
	● Yellow	No video detected on channel
	● Red	Input signal rate is outside the frequency range (+/- 100 PPM)
	* Red	3G-SDI detected when 3G is not enabled

* Flashing Red

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