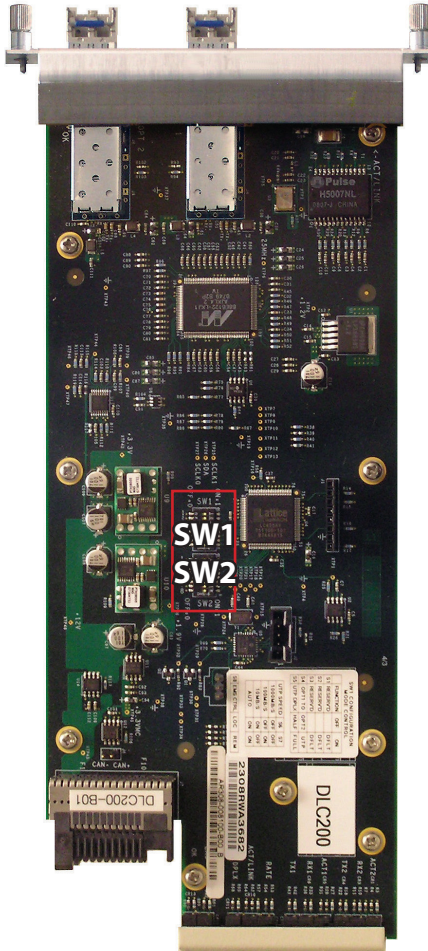


DL4000 VIDEO TRANSPORT SYSTEM

DLC200

Quick Start Guide


Artel ships the DLC200 configured as follows:

- Electrical-to-optical mode
- UTP (RJ45) is enabled and set for auto-negotiate
- Optical port 1 is enabled and set for auto-negotiate
- Optical port 2 is disabled
- EMS override enabled (DL Manager can change the DLC200 configuration)

DIP Switch Configurations

SW1 CONFIGURATION			
SW1	Function	Off	On
S1	<i>Reserved</i>	-	<i>Must be On</i>
S2	<i>Reserved</i>	-	<i>Must be On</i>
S3	<i>Reserved</i>	-	<i>Must be On</i>
S4	<i>OpMode</i>	O-to-O	<i>E-to-O</i>
S5	<i>UTP Duplex</i>	Half	<i>Full</i>

S6	S7	UTP (RJ45) SPEED
<i>On</i>	<i>On</i>	<i>Auto Negotiate</i>
On	Off	10 Mb/s
Off	On	100 Mb/s
Off	Off	1000 Mb/s

	FUNCTION	Off	On
S8	EMS Override	Local Control	<i>Remote Control</i>

Factory Default: All On

Configuration Switch Functions

- | | |
|------------|--|
| SW1 | Controls the operating mode (O-to-E or O-to-O), UTP (RJ45) port speed, and enables the EMS override function |
| SW2 | Not used |



DLC200 Front Panel LEDs

LED	Function	Color	Description
OK	DLC200 Module Status	OFF	If power is applied to the system, an internal fault with the DLC200 may exist
		●	Normal Operation
		●	Minor alarm or power-on test
		●	Major alarm or major and minor alarm
EMS	DL Manager System Status	OFF	The DLC200 module is in local mode and its configuration is controlled by the onboard configuration switches
		●	The DLC200 module is in remote mode and the configuration has been set by DL Manager. 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
UTP DPLX	UTP Connection Type	●	Full-duplex
		●	Half-duplex or power-on test
UTP ACT/LINK	UTP Link Status	●	Link present
		*	Link activity
UTP Rate	UTP Link Rate	OFF	10 Mb/s or module configured for optical to optical mode
		●	100 Mb/s or power-on test
		●	1000 Mb/s
Optical TX (per port)	Optical Transmission Status	OFF	No SFP installed or port disabled
		●	Normal operation (input signal present)
		*	SFP TX fault (laser fail)
		*	Flashing with RX red flashing. No SFP installed and the port is enabled
Optical RX (per port)	Optical Receive Status	OFF	No SFP installed or port disabled
		●	Normal operation (input signal present)
		*	RX optical high power
		*	Low optical receive power or optical SFP RX fault
		*	Flashing with TX red flashing. No SFP installed and the port is enabled
Optical ACT (per port)	Optical Link Status	●	Link present
		*	Link activity

* Flashing green | * Flashing yellow | * Flashing red

Install SFPs

Install *Optical 1* SFP for electrical-to-optical mode

Install both SFPs for optical-to-optical mode

