

DL4000

Function Module Capabilities

Formats Supported

Single Channel	100	150E	170AD	170DA	200	270	274M	274D	300	710	Comments
Composite Analog			✓	✓		✓					
ATSC	✓			✓		✓			✓		
DVB-ASI	✓	✓		✓		✓	✓	✓	✓		
SD-SDI	✓	✓		✓		✓	✓	✓	✓*		* Native, Dithered or Scrambled Signal
SDTI	✓	✓		✓		✓	✓	✓	✓		
HD-SDI	✓			✓		✓			✓*		* Native, Dithered or Scrambled Signal
3G-SDI									✓*		* Native, Dithered or Scrambled Signal
10/100/1000 Ethernet					✓						
Multi-Channel	100	150E	170AD	170DA	200	270	274M	274D	300	710	Comments
Composite Analog			✓*	✓*		✓*	✓	✓			* Used in conjunction with DLC274
DVB-ASI							✓	✓			
SD-SDI							✓	✓			
SDTI							✓	✓			

Optical Functions

Function	100	150E	170AD	170DA	200	270	274M	274D	300	710	Comments
Transmitter	✓	✓	✓		✓	✓	✓		✓		
Receiver	✓			✓	✓			✓	✓		
Repeater	✓			✓	✓			✓	✓		
Transceiver	✓										
Dual Transmitter									✓		
Dual Receiver									✓*		* Automatic switchover on loss of signal
Dual Repeater									✓*		* Automatic switchover on loss of signal
Repeater Compatibility	100	150E	170AD	170DA	200	270	274M	274D	300	710	Comments
DLC100	✓	✓	✓	✓		✓	✓	✓	✓*		* Excludes 3G-SDI Mode
DLC200					✓						
DLC300	✓	✓	✓	✓		✓	✓	✓	✓		

Other Functions

Format Conversion	100	150E	170AD	170DA	200	270	274M	274D	300	710	Comments
Audio Embed into SDI		✓	✓			✓					
Audio De-Embed from SDI				✓							
Composite Analog to SDI			✓			✓					
SDI to Composite Analog				✓							
ATSC to DVB-ASI									✓*		* In Transmit or Receive Mode
Test Signal Generator	100	150E	170AD	170DA	200	270	274M	274D	300	710	Comments
Composite Analog			✓			✓					
ATSC										✓	
DVB-ASI										✓	
SD-SDI									✓	✓	
HD-SDI									✓	✓	
3G-SDI									✓	✓	
Signal Test & Verification	100	150E	170AD	170DA	200	270	274M	274D	300	710	Comments
ATSC										✓	
DVB-ASI										✓	
SD-SDI										✓	
HD-SDI										✓	
3G-SDI										✓	