



Lumistar LS-28 Options Checklist

1. Number of Channels (Select ONE)¹

- DRSM (Dual Channel) SRSM (Single Channel)

2. Demodulation Formats (Select ALL that apply)

- SS-PCMFM MS-PCM/FM GMSK MHCPM
 BPSK QPSK OQPSK SOQPSK-TG / MIL
 A/UQPSK PCM/PM

3. RF Bands / MHz (Select up to 5)

- C2E / 5091-5250 C2 / 5091-5150 C1 / 4400-4940
 E / 2185-2485 S / 2200-2395 U / 1755-1850
 L / 1435-1535 CIF / 400-1150 P / 215-320
 CIfE / 300-459 Custom²

4. Chassis Formats (Select ONE)

- Modular (User provided cooling) Modular w/ Desktop Chassis
 1U Rack Mount 12" deep (-R1) Portable Lunchbox
 Portable Lunchbox w/ Battery Portable Lunchbox w/ Cooling
 1U Rack Mount 22" deep (-R1P, Includes Processor)

5. Additional Options (Select ALL that apply)

- Dual Analog PCM Bit Sync Inputs **70 MHz Modulator**
 50–90 MHz Receiver Inputs PCM Decom / PCM Simulator
 Expanded Digital Symbol Rate **PreD Diversity Combiner (Dual Ch Only)**
 IRIG Time Reader / Generator PTP Time Reader
 Advanced Networking **Video Outputs**
 NTSC / PAL Video Outputs GPS to IRIG Time Code Converter (Portable Chassis ONLY)

6. Recording Options (Select ALL that apply)

- 64 GB Data Recording
 Allow Saving Setups Internally

7. TMOIP Software Options (Select ALL that apply)

- CH10-19 Streaming / Recording RCC218-10
 RCC218-20 Streaming

8. FEC Options (Select ALL that apply)

- Single LDPC Decoder Dual LDPC Decoder
 Viterbi Decoding Reed / Solomon

9. Advanced Options (Select ALL that apply)

- DQM** DQE
 IRIG PreD Tape Up / Downconverter STC

Standard Included Options – Bold/Italic

For further options and custom builds please contact sales@lumistar.net

¹ Additional Quantity of Channel available in larger form factors, contact sales for details

² Custom frequency bands available from 300Mhz to 6KMHz contact sales for details

Lumistar, Inc

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Rev. B

Specifications subject to change, consult factory at time of order for latest specifications

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