



Technical Satellite Information (Effective Feb 25th, 2019)

Digital

(MCPC: HSN HD, HSN SD, HSN SD OTA, HSN2 HD & HSN2 SD)

Satellite: SES-3
Transponder: 15
Orbital Location: 103° W
Downlink Polarization: Horizontal
Encoding: HSN-SD, HSN-HD, HSN2-SD: Cisco/S-A PowerVu, MPEG-II & DVB Compatible
HSN2-HD, HSN-SD OTA: Cisco/S-A PowerVu, MPEG-4
Audio: MPEG, Stereo, AC3
Downlink L-Band Frequency: 1150 MHz
Downlink Frequency: 4.000 GHz
Symbol Rate: 29.27 MS/s
FEC Rate: 3/4
Network ID: 2

Service Channels:

1	HSN-SD	(Clear)
2	HSN-SD OTA	(H.264 – 3.0 Mbps) (Free to Air - For Over the Air broadcast)
4	HSN-SD	(Comcast)
5	HSN-SD	(Open Source)
102	HSN-HD	(Clear)
103	HSN2-SD	(Clear - Encrypted)
106	HSN-HD	(Comcast)
107	HSN-HD	(Open Source)
108	HSN2-SD	(Blueridge - Encrypted)
109	HSN2-HD	(H.264 Encrypted)
110	HSN2-SD	(Comcast - Encrypted)

Recommended IRD

Cisco/ S-A D9800 – properly licensed as required by output needs of facility
- VII in Metadata (off)

For those utilizing legacy D9850 or D9854 units please adhere to the following:

- When utilizing ASI out on a D9850, Cisco recommends video decode be set to “NO”
- To use a D9850 ASI output for HSN2 HD, Filter Mode must be set to “Passthru w/ Svc Ch Descrambled”
- D9850 must be running “current app” ver 2.61
- D9854 must be running “current app” ver 3.96 or greater

*Note: You **MUST** provide us with the U/A number to be added to our database and ensure that all IRD's are set to PowerVu mode. Both of these are important so you do not have interrupted programming. Please feel free to call us at our 24/7 Satellite Operations Department at 727-872-4238 with technical questions.*

Thank You.