

SYSTEM SOFTWARE

System Software	Linux OS kernel 3.10, PCA (Java) and PCD (HTML) server applications
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ELECTRICAL

Active Output Level at RF Out jack	-1 dBm (+47.75 dBmV) Typical
DC Input	+19V DC @ 2.2 Amps Adaptor
RF Output Span	Up to 8 Contiguous Channels (Typically 48-64 MHz)
Ethernet Connector (Control Port)	10/100/1000 BaseT, RJ-45
Ethernet Connector (Feature Port)	100/1000BaseT, Full Duplex RJ-45
RF Output Frequency Range	54 MHz to 865 MHz
RS-232 DB-9	Command Line Interface port (5V TTL)
Level at ASI Out Jack	800 mv
Frequency Accuracy	+/- 5 ppm
ASI Out Jack	75 ohms, BNC
Data Output	ASI,RF, 100/1000T Ethernet
Rear Port	ASI/RF/RF Tap/TTL serial, Ethernet 2 Port
Active Output Level	-1 dBm (+47.75 dBmV) Typical
Test Output Level	-47.75 dBm (+1 dBmV) Typical
CPU/Memory / Storage	64 bit Intel Atom (4 Cores @ 1.91GHz) processor / 8GB memory / 275GB SSD

MODULATION SPECIFICATIONS

Standard	ITU-T J.83 Annex B (QAM-B)
Constellations	64-QAM, 256 QAM
Symbol Rate	64-QAM / 256-QAM / 5.056 MBaud, 6.111 Mbaud, 6.9 MBaud
Interleaving	Fixed I=128, J=1
Parameters	64-QAM, 7/8 Convolutional Code, 1/32 Guard Interval Ratio, 2K FFT, 13 Segments
Sample Rate	8.126984 Ms/s

ENVIRONMENTAL STORAGE CONDITIONS

Humidity	95% Non-condensing
Temperature	0° to 40° Celsius

ENVIRONMENTAL OPERATING CONDITIONS

Humidity	95% Non-condensing
Temperature	-20° to 70° Celsius

DIMENSIONS

Unit Dimensions (W × H × D)	48.26 cm x 4.318 cm x 21.59 cm
Unit Weight (Rack-only)	2,56 kg

REGULATORY COMPLIANCE

Regulatory Compliance	FCC, UL, RoHS
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WARRANTY/UPC

Warranty

1 Year

UPC

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