

KEY	<u>RX8200/VP</u>	<u>CP/EVENTS/IP/SA</u> T
✓ = Included (BOLD font indicates a requested feature)	Advanced Modular Receiver	RX8200 Configuration Pack
- = Not upgradable as configured		
Available = Not included but available later via software license		

1) TRANSPORT STREAM INPUTS		
ASI Input	✓	✓
IP Input	-	✓
Pro-MPEG FEC	-	✓
Seamless Switching	-	Available
DVB-S/S2/S2X Satellite Input	✓	✓
DVB-S QPSK Demodulation	✓	✓
DVB-S2 QPSK Demodulation	✓	✓
DVB-S2 8PSK Demodulation	✓	✓
DVB-S2 16APSK Demodulation	Available	✓
DVB-S2 32APSK Demodulation	Available	✓
DVB-S2X QPSK/8PSK/16APSK Demodulation	-	-
DVB-S2X 32APSK Demodulation	-	-
DVB-S2 Multi-Transport Stream Mode	✓	✓
Low Symbol Rate (1 to 5 Msym/s)	✓	✓
DVB-T/T2 Terrestrial Input	-	-
ATSC 8VSB Terrestrial Input	-	-
G.703 Input	-	-
Automatic Transport Stream Switching		
Basic Transport Stream Redundancy Switching	✓	✓
User Defined Transport Stream Redundancy Switching	✓	✓
2) CONDITIONAL ACCESS AND DECRYPTION		
Single Service Common Interface Decryption	✓	✓
Single Service Director Decryption	✓	✓
Single Service BISS Decryption	✓	✓
Single Service BSkyB Decryption	-	-
RAS Decryption	✓	✓
Multi-Service Decryption		
Multi-Service Common Interface Decryption	Available	Available
Multi-Service Director Decryption	Available	Available
Multi-Service BISS Decryption	Available	Available
3) SERVICE FILTERING		
Single Service Filtering and PID Remapping	✓	✓
Multi-Service Filtering (MPTS Out)	Available	Available
Multi-Service Filtering, Stream Splitting	-	Available
4) TRANSPORT STREAM OUTPUTS		
ASI Output	✓	✓
IP Output	-	✓
Pro-MPEG FEC	-	✓
5) VIDEO DECODING		
MPEG-2 Decoding		
MPEG-2 SD 4:2:0 Decoding	✓	✓
MPEG-2 HD 4:2:0 Decoding	✓	✓
MPEG-2 SD 4:2:2 Decoding	✓	✓
MPEG-2 HD 4:2:2 Decoding	✓	✓
MPEG-4 AVC (H264) Decoding		
MPEG-4 (AVC) SD 4:2:0 Decoding	✓	✓
MPEG-4 (AVC) HD 4:2:0 Decoding	✓	✓
MPEG-4 (AVC) SD 4:2:2 Decoding	✓	✓
MPEG-4 (AVC) HD 4:2:2 Decoding	✓	✓

MPEG-4 (AVC) HD 4:2:2 10-bit Decoding	✓	✓
MPEG-4 (AVC) HD 4:2:2 1080p 50/60 fps Decoding	✓	Available
Low Latency Decode (MPEG-4/AVC)	✓	✓
HEVC Decoding		
HEVC SD 4:2:0 Decoding	Available	Available
HEVC HD 4:2:0 Decoding	Available	Available
HEVC SD 4:2:2 Decoding	Available	Available
HEVC HD 4:2:2 Decoding	Available	Available
HEVC HD 4:2:2 10-bit Decoding	Available	Available
HEVC HD 4:2:2 1080p 50/60 fps Decoding	Available	Available
Low Latency Decode (HEVC)	Available	Available
JPEG-2000 Decoding		
JPEG 2000 SD 4:2:2 Decoding	-	-
JPEG 2000 HD 4:2:2 Decoding	-	-
6) VIDEO PROCESSING		
Frame Sync	✓	✓
Simulsync 3D Mode	-	Available
Format Conversion (Up/Down/Cross)		
Basic Quality HD to SD Down-Conversion	-	✓
High Quality HD to SD Down-Conversion	-	✓
Up-Conversion (SD to HD - 4:2:0 Only)	-	✓
Cross-Conversion (1080i <-> 720p - 4:2:0 Only)	-	✓
7) AUDIO DECODING AND PASS-THROUGH		
Number of Audio Services (Pairs) per Incoming Video Service	2 (6 More Available)	8
Audio Decoding		
MPEG-1 Layer II Decode	✓	✓
Dolby® Digital (AC3) Decode/Down-Mix (2.0 or 5.1)	✓	✓
AAC Decode Decode/Down-Mix (2.0 or 5.1)	✓	✓
Phase Aligned Audio Decode	Available	✓
Audio Normalization	✓	✓
Audio Pass-Through		
Linear PCM Pass-Through	✓	✓
Dolby® Digital (AC3) Pass-Through (2.0 or 5.1)	✓	✓
Dolby® Digital Plus Pass-Through (2.0 or 5.1)	✓	✓
Dolby®E Pass-Through (Compressed)	✓	✓
8) DECODED VIDEO AND AUDIO OUTPUTS		
Baseband Video Output		
Analog Composite CVBS Interface (SD PAL/NTSC)	✓	✓
SD-SDI Interface	✓	✓
HD-SDI Interface	✓	✓
3 Gbps Capable HD-SDI Interface	✓	Available
HD YPrPb/RGB Interface	✓	✓
Russian SECAM Interface	-	-
Audio Outputs		
Number of Discrete Audio Outputs (Analog or AES)	2	4
Discrete Audio Format		
Balanced Analog Audio	✓	✓
Balanced Digital Audio (AES-EBU)	✓	✓
Physical Audio Connector		
XLR Connector	✓	✓
Screw Terminal	-	-
9) ANCILLIARY CAPABILITIES		
Data		
RS232 Low Speed Asynchronous Data	-	✓

Multi-Protocol Encapsulation (MPE) High Speed IP Data	-	✓
Ancillary Interfaces		
SCTE 35 Controlled Contact Closures	✓	✓
Alarm Relay	✓	✓
10) CONTROL		
Web Browser Control	✓	✓
Front Panel Control	✓	✓
SNMP Traps and Alarms	✓	✓
SNMP Remote Control	✓	✓
RS232 Remote Control	-	✓
nCompass Control	✓	✓
Web Browser Password Protection	✓	✓

MediaKind - Product Selector v231.00.xls

SatelliteDish.com 954-941-8883