

# RPS Encoder Product Guide



	<b>DM365-RPS</b>	<b>DM368-RPS</b>	<b>DM368-SDI-RPS</b>	<b>DM368-VI-RPS</b>	<b>DM8107-RPS</b>	<b>DM8107-SDI-RPS</b>	<b>DM8107-SDI2-RPS</b>	<b>DM8148-RPS</b>	<b>DM8168-RPS</b>	<b>DM8168-PCI-RPS</b>	<b>DM8168-PCI2-RPS</b>	<b>DM8168-DVR-RPS</b>	<b>DM8169-VI-RPS</b>	<b>DM8169-4CH-RPS</b>	<b>DM8169-4K-RPS</b>
<b>Module</b>	DM365-MOD-0x	DM368-MOD-0x	DM368-MOD-0x	DM368-MOD-0x	DM8107-MOD-0x	DM8107-MOD-0x	DM8107-MOD-0x	DM8148-MOD-2x	DM8169-MOD-2x	DM8169-MOD-3x	DM8169-MOD-3x	DM8168-MOD-2x	DM8169-MOD-2x	DM8169-MOD-3x	DM8169-MOD-3x
<b>Application Board</b>	DM365-APP-0x	DM365-APP-0x	DM368-APP-1x	DM368-APP-0x	DM8107-APP-0x + DM8168-APP-0x	DM8107-APP-1x	DM8107-APP-2x	DM8168-APP-0x	DM8168-APP-0x	DM8168-APP-2x	DM8168-APP-4x	DM8168-APP-1x	DM8168-APP-3x	DM8169-APP-5x	DM8169-APP-6x

## VIDEO CODEC

<b>H.264</b>	720p30	1080p30/1080i	1080p30/1080i	1080p30/1080i	1080p60	1080p60	1080p60	1080p60	2 x 1080p60	2 x 1080p60	2 x 1080p60	2 x 1080p60 16 x D1	2 x 1080p60	2 x 1080p60 4 x 1080i	2160p30
<b>MPEG-2</b>	720p30	1440x1080@30	1440x1080@30	1440x1080@30	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1080i	1080i	1080i

## AUDIO CODEC

<b>AAC</b>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>G.711</b>	✓	✓	✓	✓											

## INPUTS

<b>3G-SDI</b>						✓	✓							✓	2
<b>HD-SDI</b>			✓	✓		2	✓							✓	4
<b>HDMI/DVI</b>				✓	2		✓	2	2	✓	2			✓	✓
<b>Component</b>	✓	✓		✓	2			2	2	✓				✓	
<b>Composite</b>	✓	✓	✓	✓	2	✓	✓	2	2			16			
<b>RGB</b>				✓						✓					
<b>Analog L/R Audio</b>	✓	✓	✓	✓	2	✓	✓	2	2	✓		16	✓		

## OUTPUTS

<b>ASI</b>			✓	✓		✓								✓	2
<b>SDI Passthrough</b>			✓	✓		✓								✓	4
<b>Composite Passthrough</b>	✓	✓						✓	✓						
<b>Component Passthrough</b>	✓	✓			✓				✓						
<b>HDMI Passthrough</b>	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓		

## ADDITIONAL INTERFACES

<b>Ethernet</b>	10/100	10/100	10/100	10/100	1 GigE	1 GigE	1 GigE	1 GigE	1 GigE	1 GigE	1 GigE	1 GigE	1 GigE	1 GigE	1 GigE
<b>SD Card</b>	✓	✓	✓	✓	✓				✓	✓					
<b>PCIe 2.0</b>										✓	✓				
<b>SATA2</b>					✓	2	✓	✓	✓	✓	✓	✓	2	2	2
<b>USB 2.0</b>	✓	✓		✓	2	2	✓	2	2	✓		2	2	✓	2
<b>Headphone</b>	✓	✓													
<b>Serial</b>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

## SPECIFICATIONS

<b>Input Power</b>	5V	5V	12V	12V	12V	12V	5V	12V	12V	12V	12V	12V	12V	12V	12V
<b>Power Consumption</b>	1.5W	2.6W	2.6W	2.6W	6W	6W	6W	7W	12W	12W	12W	12W	14W	14W	14W
<b>Module Size (mm)</b>	44 x 68	44 x 68	44 x 68	44 x 68	82 x 43	82 x 43	82 x 43	88 x 108	88 x 108	68 x 108	68 x 108	88 x 108	88 x 108	68 x 108	68 x 108
<b>Application Board Size (mm)</b>	110 x 130	110 x 130	100 x 190	114 x 203	88 x 186	121 x 206	89 x 120	88 x 186	88 x 186	89 x 168	89 x 168	100 x 190	90 x 218	142 x 257	125 x 121

## AVAILABILITY

<b>AVAILABILITY</b>	Currently Available	Currently Available	Currently Available	Currently Available	Currently Available	Currently Available	Currently Available	Currently Available	Currently Available	Currently Available	Currently Available	Currently Available	Currently Available	Currently Available	Currently Available
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