

# 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	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	Currently Available
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