

# PRODUCT SPECIFICATION

<b>MODEL: TS832</b>						
<b>5.8G 600mW 32 Channels AV Transmitter Module</b>						
	<b>Modulate</b>		Wideband FM Modulate			
	<b>Video Format</b>		NTSC/PAL			
	<b>Characteristics</b>		<b>Value</b>			<b>Units</b>
			<b>Min.</b>	<b>Typ.</b>	<b>Max.</b>	
<b>1</b>	<b>Output Impedance</b>		---	50	---	Ohm
<b>2</b>	<b>Output Power</b>		27	27.5	28	dBm
<b>3</b>	<b>Frequency range</b>	<b>Channel Frequency</b>				
	<b>FR1 or (A)</b>	<b>CH1</b>	---	5865	---	MHz
		<b>CH2</b>	---	5845	---	MHz
		<b>CH3</b>	---	5825	---	MHz
		<b>CH4</b>	---	5805	---	MHz
		<b>CH5</b>	---	5785	---	MHz
		<b>CH6</b>	---	5765	---	MHz
		<b>CH7</b>	---	5745	---	MHz
		<b>CH8</b>	---	5725	---	MHz
	<b>FR2 or (B)</b>	<b>CH1</b>	---	5733	---	MHz
		<b>CH2</b>	---	5752	---	MHz
		<b>CH3</b>	---	5771	---	MHz
		<b>CH4</b>	---	5790	---	MHz
		<b>CH5</b>	---	5809	---	MHz
		<b>CH6</b>	---	5828	---	MHz
		<b>CH7</b>	---	5847	---	MHz
		<b>CH8</b>	---	5866	---	MHz

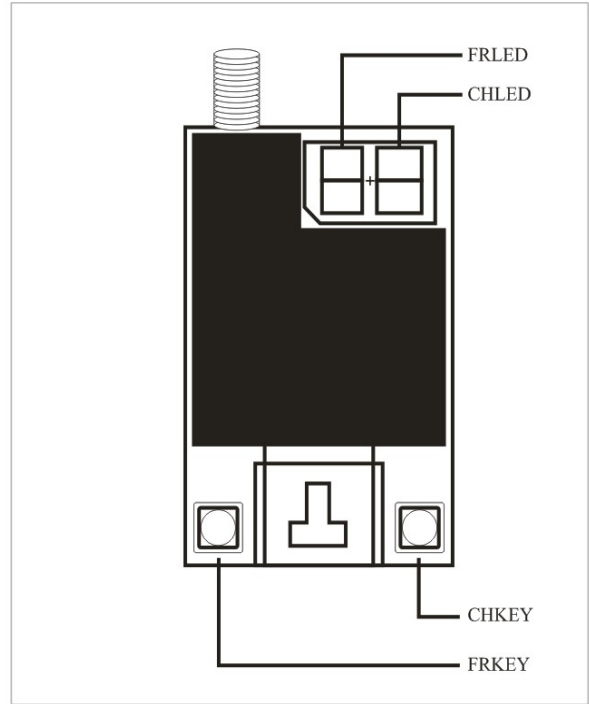
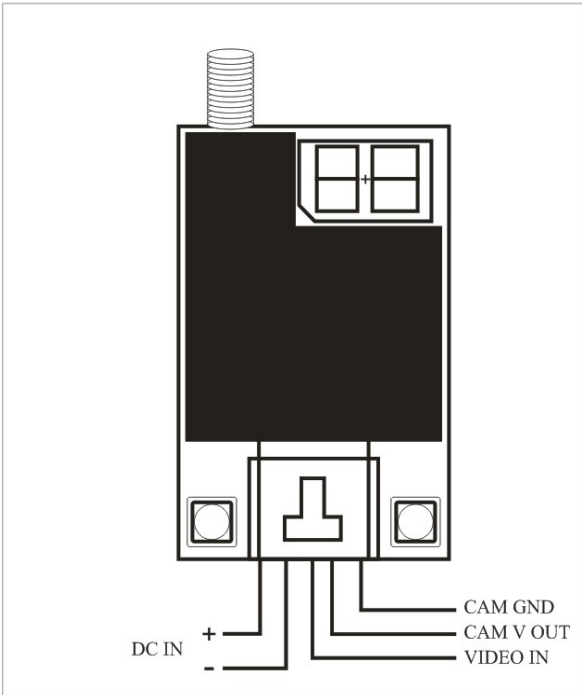
<b>3</b>	<b>FR3 or (E)</b>	<b>CH1</b>	---	5707	---	MHz
		<b>CH2</b>	---	5685	---	MHz
		<b>CH3</b>	---	5665	---	MHz
		<b>CH4</b>	---	5645	---	MHz
		<b>CH5</b>	---	5885	---	MHz
		<b>CH6</b>	---	5905	---	MHz
		<b>CH7</b>	---	5925	---	MHz
		<b>CH8</b>	---	5945	---	MHz
	<b>FR4 or (F)</b>	<b>CH1</b>	---	5740	---	MHz
		<b>CH2</b>	---	5760	---	MHz
		<b>CH3</b>	---	5780	---	MHz
		<b>CH4</b>	---	5800	---	MHz
		<b>CH5</b>	---	5820	---	MHz
		<b>CH6</b>	---	5840	---	MHz
		<b>CH7</b>	---	5860	---	MHz
		<b>CH8</b>	---	5880	---	MHz
<b>4</b>	<b>Operating Voltage</b>	7.0	12	16	V	
<b>5</b>	<b>Supply current</b>	---	220	---	mA	
<b>6</b>	<b>Operating Temperature</b>	-10	---	+85	°C	
<b>7</b>	<b>Video Band Width</b>	0	---	8.0	MHz	
<b>8</b>	<b>Audio carrier Frequency</b>	---	6.5	---	MHz	
<b>9</b>	<b>Video Input Level</b>	0.8	1.0	1.2	Vp-p	
<b>10</b>	<b>Video Input Impedance</b>	---	75	---	Ohm	
<b>11</b>	<b>Audio Input Level</b>	0.5	---	2.0	Vp-p	
<b>12</b>	<b>Audio Input Impedance</b>	---	10K	---	Ohm	
<b>13</b>	<b>Weight</b>	---	22	---	g	
<b>14</b>	<b>Antenna Connector</b>	<b>SMA Connector</b>				
<b>15</b>	<b>Dimensions (L x W x H)</b>	54x32x10mm				

**Picture**



**Connect:**

**Channel Switch**



**Frequency and channel frequency table**

FR \ CH		CH							
		CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8
FR	FR1	5865M	5845M	5825M	5805M	5785M	5765M	5745M	5725M
	FR2	5733M	5752M	5771M	5790M	5809M	5828M	5847M	5866M
	FR3	5705M	5685M	5665M	5645M	5885M	5905M	5925M	5945M
	FR4	5740M	5760M	5780M	5800M	5820M	5840M	5860M	5880M

## Application examples

