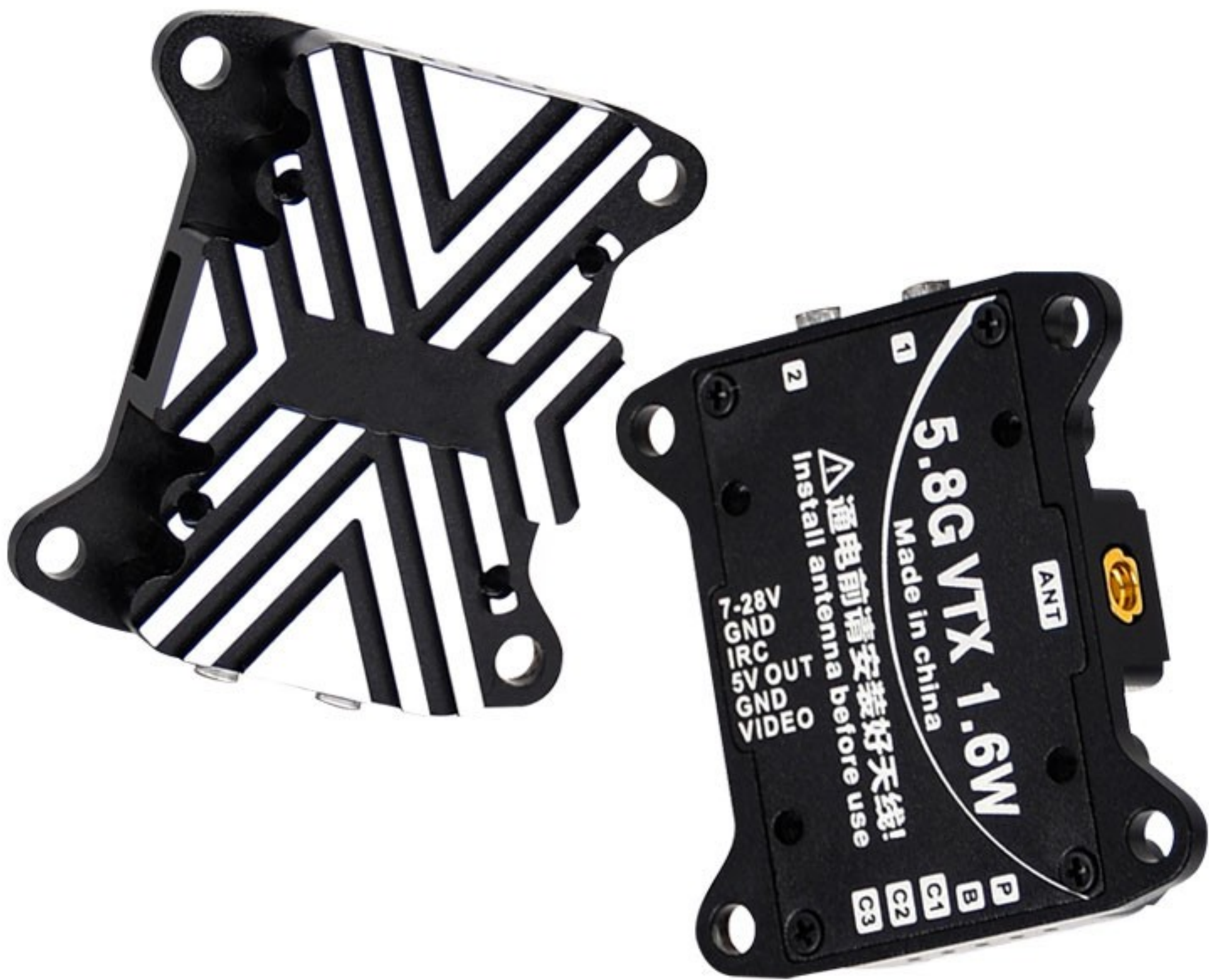


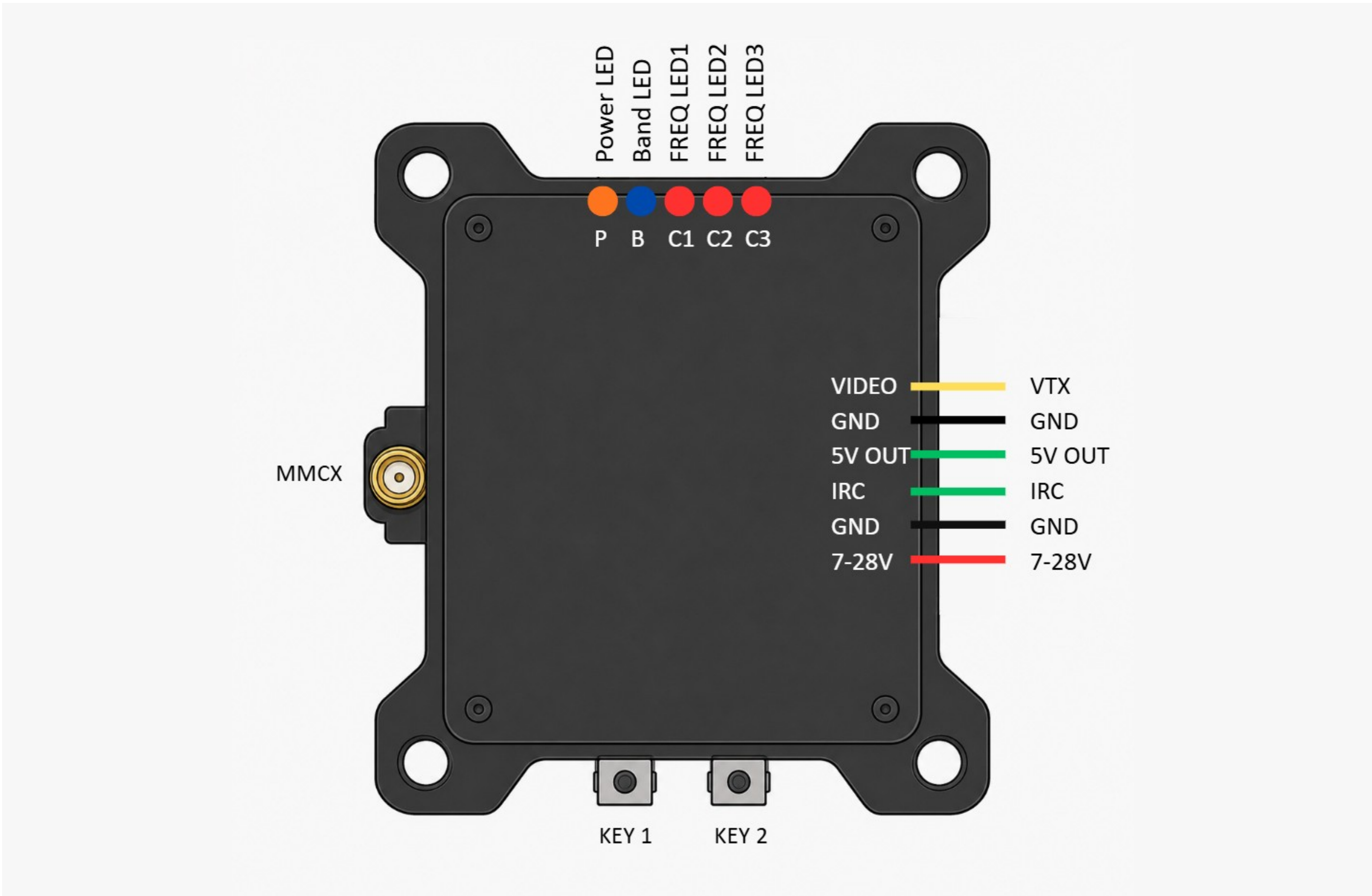


Pilotix R1600 5.8G video transmitter operating in the 5.6-5.9 GHz frequency range with 40 channels across A, B, E, F, and R bands. Features selectable output power levels of 25mW, 200mW, 800mW, and 1.6W maximum, supporting both PAL and NTSC video formats via IRC Tramp protocol. Equipped with MMCX antenna interface, dual cooling system, and three-color LED indication with two control buttons. Accepts input voltage from 7-27V (2-6S). Measures 38 x 36.5 x 7.2 mm with a weight of 14.5g, offering dual mounting patterns of 30.5 x 30.5 mm and 20 x 20 mm (M2). Operates in temperatures from -20°C to 40°C.

Product details	
Model	R1600 5.8G 1.6W
SKU	4302
Electrical specification	
Antenna interface	MMCX
Channels	40 CH
Frequency range	5,6 GHz - 5,9 GHz
Input voltage	7 - 27 V (2S - 6S)
Output power	≤ 1.6 W
Power levels	25mW, 800mW, 200mW, 1.6W
Protocol	IRC Tramp
Supported bands	A, B, E, F, R
Video format	PAL, NTSC
Mechanical specifications	
Buttons	2
Cooling	Dual cooling
Indications	Three color light
Mounting	30.5 x 30.5 mm (M2), 20 x 20 mm (M2)
Dimension	38 x 36.5 x 7.2 mm

Weight	14.5 g
Operating conditions	
Humidity range	20-95% RH (non-condensing)
Operating temperature	-20 - 40 °C
Storage temperature	-30 - 50 °C
Common	
Package contents	1 x JST SH 1.0mm 6-Pin, 1 x Pigtail adapter MMCX to SMA
Warranty	2 years

Wiring diagram



VTX table

FR/CH	CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8
A	5865	5845	5825	5805	5785	5765	5745	5725
B	5733	5752	5771	5790	5809	5828	5847	5866
E	5705	5685	5665	5645	5885	5905	5925	5945
F	5740	5760	5780	5800	5820	5840	5860	5880
R	5658	5695	5732	5769	5806	5843	5880	5917