

300W TV Transmitter



Features:

- The whole machine is single-channel, image with audio together.
- The management and monitoring are intelligent and on network, it has the external PC interface.
- It has the technical data detection, monitoring systems and full-featured computer control software with auto-diagnostic function. All technical parameters can be read through the LCD display panel.
- Comprehensive protection measures can reduce the damage of equipments. This machine has protection about no video; VSWR is too large, overheating, over-stimulus, missing phase protection and lightning protection. The switch has protection about overvoltage, over current, under voltage, over temperature, short circuit and lightning protection.
- All power supplies are switching power supplies; high efficiency, excellent regulator range, strong adaptable from the change of the external voltage.
- It adopts modular design concept.
- The fan is built-in the chassis, the transmitter has a compact structure and a beautiful shape.

Technical Specifications:

1. Working frequency: VHF/UHF
2. Output power: 300W
3. Output impedance: 50 Ω
4. Inter-modulation distortion: ≤-50dB
5. Useless transmission: In adjacent channel ≤-40dB Out adjacent channel ≤-60dB
6. RF output interface: N
7. Power supply: Single-phase 220V
8. Size: 2U, 19-inch standard
9. Weight: 20KG

Image performance:

1. Video frequency input level : 1VP-P positive polarity
2. Video frequency input impedance: 75 Ω
3. DG: ±8%
4. DP: ±7°
5. Luminance nonlinear: ≤12%

Sound performance:

1. Audio input level: 0dBm ± 6dB
2. Audio input impedance : 10K Ω (imbalance)
3. Maximum frequency deviation: ±50KHz
4. Harmonic distortion: ≤1%