

Mini Agile TV Demodulator

GDM100 is a modular mini agile TV demodulator for applications in CATV, CCTV or Video Surveillance. The input TV signal is demodulated as adjustable video and audio with excellent SNR. GDM100 can be used with external 12V DC power adapter or mounted on the 19" 2U Chassis.



Features:

- 45~862MHz NTSC or PAL TV Channel RF Input
- Video and Audio Outputs Adjustable
- Saw Filter on IF for better channel selection
- Modular Design for Stand along or 19" 2U Chassis

Specifications:

RF	
Input Frequency Range	50MHz ~ 860MHz
RF Return Loss	14dB
Input Level	-10dBmV ~ +15dBmV
Input Impedance	75 Ω
Noise Figure	10dB (typ.)
VIDEO	
Output Level	1V ~ 1.2Vp-p @75 Ω
S/N Ratio	45dB (typ.)
Frequency Response	±1dB 5MHz ~ 3MHz, ±2dB 3 ~ 3.58MHz
AUDIO	
Output Level	0.65Vrms±0.15 @25KHz
Output Impedance	600 Ω
S/N Ratio	55dB (typ.)
Distortion Ratio	≤1.5%(50Hz ~ 15KHz)
Frequency Response	≤2dB
GENERAL	
Power Supply	12V DC / 180mA
Operational Temperature	0°C ~ 70°C
Dimensions	104 × 29 × 150mm

Ordering Information:

GDM100-A-B Mini Agile TV Demodulator

A (TV System): N_NTSC, P_PAL D/K, PB_PAL B/G

B (Power Adapter): D_Default, C_CE certified, P_PSE Certified, U_UL Certified