

DIGITAL SIGNAL LEVEL METER **SM2007**



The product, which newly researched and developed, is the integrative high-tech measuring instrument for the transformation of CATV. The main function is to measure QAM digital signal and analogue signal.

Characteristics: The complete function, the fast processing speed, the low static power consumption, small and the high dependability.

Specifications:

A. Digital television channels Measurement

Frequency range:	5MHz ~ 870MHz
Tuning mode:	DVB-C
Support:	16/32/64/128/256QAM
Digital power:	30dB μ V ~ 120dB μ V
Accuracy:	\pm 1.5dB
Bandwidth:	Adjustable
Symbol rate:	1MS/S ~ 7MS/S
MER:	19 ~ 40dB
BER:	1.0E-2 ~ 1.0E-8

B. Analogue television channels Measurement

Frequency/Channel

Frequency range:	5MHz ~ 870MHz
Channel range:	China standard channel and append Channel
International Channel:	Download and add as needed
Resolution:	10 KHz
Bandwidth:	280kHz \pm 50kHz

Level measurement

Range:	25dB μ V ~ 120dB μ V
Accuracy:	\pm 1.5 dB (0 $^{\circ}$ C ~ 40 $^{\circ}$ C)
Resolution:	0.1dB
Demodulate method:	Peak value demodulate
Input impedance:	75 Ω

C/N

Signal input range:	>80dB μ V
Accuracy:	\pm 2dB
Resolution:	0.1dB

Rail Voltage Measurement

Input range:	2 ~ 100V AC/DC
Accuracy:	\pm 2V
Resolution:	0.1V

Tilt Measurement

Channel number:	8
Resolution:	0.1dB

Channel scan

Total number of channel scan: 150

Spectrum

Bandwidth:	4MHz, 8MHz, 20MHz, 40MHz
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