

# DS6300C Triple Play Network Activation Meter

## Overview

DS6300C is mainly applied for the installation of data service of HFC Network, which is compatible with DOCSIS & Euro DOCSIS 1.1/2.0/3.0. Also it provides simple measurement of Analog TV, DVB-C and Spectrum.

## Key Features

- 3.5 Inch TFT LCD
- USB storage and upgrade
- Toolbox - PC Management Software

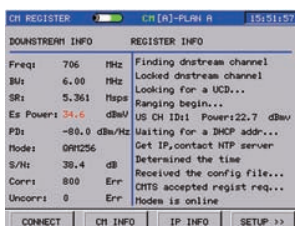
## Specifications

<b>Frequency</b>	
Range	5 MHz ~ 1000 MHz
Resolution	10 kHz
Accuracy	$\pm 10 \times 10^{-6}$
<b>DVB-C</b>	
Power Level	30 dB $\mu$ V ~ 110 dB $\mu$ V
Resolution	0.1 dB
Accuracy	$\pm 2.0$ dB (C/N > 20 dB)
MER	$\sim 38$ dB
MER Accuracy	$\pm 2$ dB
BER	1E-3 ~ 1E-9
Modulation Type	64/128/256 QAM ITU-T J.83 Annex A/B/C
<b>Analog CATV</b>	
Level	20 dB $\mu$ V ~ 120 dB $\mu$ V
Resolution	0.1 dB
Accuracy	$\pm 2.0$ dB (C/N > 20 dB)
Functions	Level, C/N, V/A, Tilt, Limit Test, Channel Scan, HUM



<b>Spectrum</b>	
Span	Max. 995 MHz
<b>QAM Source</b>	
Range	5 MHz ~ 65 MHz
MER	>38 dB
Modulation Type	QPSK, QAM (8/16/32/64); CW
SR	160/320/640/1280/ 2560/5120 KSym/s
Level Output	68 ~ 120 dB $\mu$ V
<b>Others</b>	
Dimension	247 mm x 130 mm x 67mm
Weight	1160 g
Battery	7.4 V / 4.4 AH Rechargeable Lithium-Ion
Charge Time	3 ~ 4 Hours
Working Time	>5 Hours

## Applications



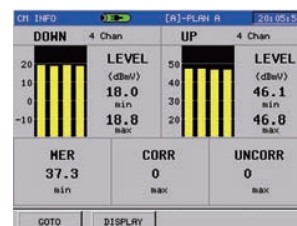
Cable Modem Registration



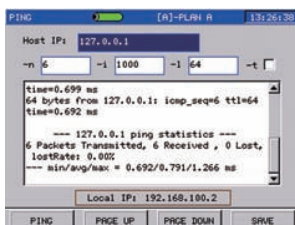
IP Information



Cable Modem Information



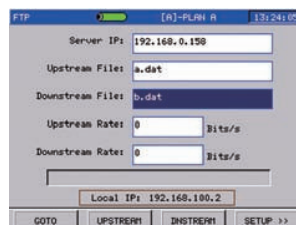
Level Information



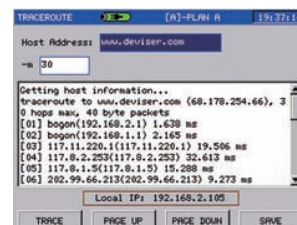
Ping



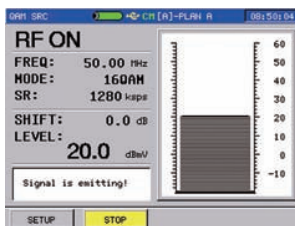
Web Browser



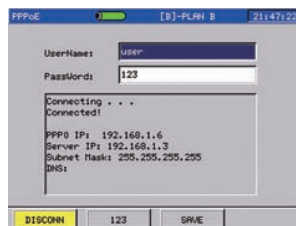
FTP



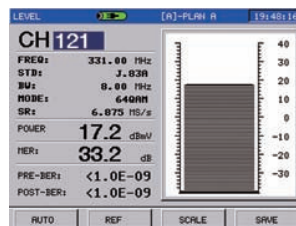
Trace Route



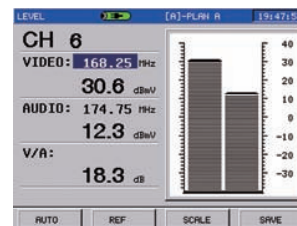
QAM Source



PPPOE



Power Level/MER/BER



Analog Level