



Parameter	 GPS-1202XE		 GPS-2202HD	
Bandwidth	200MHZ	✓	200MHz	✓
Channels	2CH+1EXT	✓	2CH+1EXT	✓
real -times Sampling Rate (Max.)	1GSa/s	✗	2GSa/s	✓
Memory Depth (Max.)	14 Mpts/CH	✗	100 Mpts/CH	✓
Capture Waveform(sequence mode)	100,000 wfm/s	✗	500,000 wfm/s	✓
Vertical resolution	8 bit	✗	12 bit	✓
Display Technology	SPO technology	✓	SPO technology	✓
Sisplay size	7 Inches 800 * 480 resolution	✓	7 Inches 1024 * 600 resolution	✓
Touchscreen LCD	NO	✗	YES	✓
Noise Floor	500 μ V / div to 10 V / div voltage scales	✗	70 μ Vrms noise floor @ 200 MHz bandwidth	✓
Automatic Measurement Fucntion	38 parameters	✗	50+ parameters	✓
Serial bus triggering and decoder	supports I2C, SPI, UART, RS232, CAN, and LIN	✓	supports protocols I2C, SPI, UART, CAN, LIN	✓
Interface ports	USB Host, USB Device (USB-TMC), LAN (VXI-11), Pass / Fail, Trigger Out	✓	USB Hosts, USB Device (USBTMC), LAN (VXI-11/Telnet/Socket), Pass/Fail, Trigger Out	✓
Supports SCPI remote control commands	YES	✓	YES	✓
Supports external mouse and keyboard. Supports NTP.	NO	✗	YES	✓
trigger type	Edge, Slope, Pulse Width, Window, Runt, Interval, Timeout (Dropout), and Pattern	✗	Edge, Slope, Pulse width, Window, Runt, Interval, Dropout, Pattern, Video (HDTV supported) , Qualified, Nth edge, Delay, Setup/Hold time.	✓
Special Feature	256-level intensity grading display function plus a color temperature display mode	✓	256-level intensity grading display function plus a color temperature display mode, Mask Test, Bode Plot, Power Analysis and allow for extended waveform records to be captured, stored, and analyzed	✓
16 Channel Logic Analyzer Option feature	NO	✗	YES	✓
25MHZ Fucntion generator	NO	✗	YES	✓