TEKTRONIX

TDS3VID

The Tektronix TDS3VID is an extended video application module designed for the TDS3000, TDS3000B, and TDS3000C Series digital phosphor oscilloscopes. It significantly enhances the host oscilloscope's standard video triggering capabilities by adding custom video scan rate triggering, line-by-line selection, field holdoff, dedicated video graticules (IRE and mV), and a streamlined Video QuickMenu and Video Autoset function for broadcast and non-broadcast video analysis.

SPECIFICATIONS

General Specifications & Compatibility

Module Type	Extended Video Application Module
Host Mainframe Compatibility	Tektronix TDS3000, TDS3000B, and TDS3000C Series Oscilloscopes
Required Slot Count	1 application module slot

Video Triggering & Acquisition

Video Autoset	Automatically adjusts vertical, horizontal, and video trigger settings for video waveforms
Custom Video Scan Rate Range	15 kHz to 80 kHz (for non-broadcast video waveforms)
Line Count Triggering	Trigger on any specific line number by manual scrolling/selection
Compatible Standard Video Formats	NTSC, PAL, and SECAM (extends baseline mainframe triggering)

Measurement & Analysis

Video Graticules	Selectable IRE or mV graticule modes based on signal format

User Interface

Video QuickMenu	Bottom and side menus displaying trigger source, trigger options, graticules, and video autoset

TECHNOLOGY

Oscilloscope Hardware Extension Module

APPLICATIONS

Broadcast and Custom Video Waveform Analysis

Generated by SpecAtlasHub (specatlashub.com). Specifications are compiled from available sources and are subject to change — verify critical values against the manufacturer before purchase.