4 500MHZ   GDS-3504

	4 500MHZ GDS-350 4
	52430.00/
	: :Gwinstek/ :GDS-3504
	2D09
	86 0769 83262722 18938072859

gds-3152	gds-3154	gds-3252	gds-3254	gds-3352	gds-3354	
vertical						
input channels	2ch+ext	4ch+ext	2ch+ext	4ch+ext	2ch+ext	4ch+ext
bandwidth	dc~150mhz(-3db)		dc~250mhz(-3db)		dc~350mhz(-3 db)	
rise time	2.3ns		1.4ns		1ns	
vertical resolution	8 bits					
vertical resolution@ 1m	2mv~5v/div					
vertical resolution@ 50/75	2mv~1v/div					
input coupling	ac, dc, gnd					
input impedance	1m // 16pf					
dc gain accuracy	±（3% x |reading| + 0.1div+ 1mv）					
polarity	normal and inverted					
maximum input impedance @ 1m	300v (dc+ac peak), cat i					
maximum input impedance @ 50/75	5 vrms ,cat i					

offset position range	2mv/div ~ 100mv/div: ± 0.5v 200mv/div ~ 5v/div: ± 25v					
bandwidth limit	20mhz (-3db)		100mhz (-3db)		200mhz (-3db)	
waveform signal processing	addition, subtraction, multiplication, division, fft, fftrms					

trigger						
source	dual channel: ch1, ch2, line, ext ; 4 channel: ch1, ch2, ch3, ch4, line, ext					
trigger mode	auto (auto (supports roll mode for 100 ms/div and slower), normal, single					
trigger type	edge, pulse width, video, runt, rise & fall, alternative, event-delay (1~65,535) events, time-delay (10ns~10s), i2c, spi, uart					
trigger hold-off range	10ns~10s					
coupling	ac, dc, lf rej, hf rej, noise rej					
sensitivity	dc~50mhz approx. 1div or 1.0mv 50mhz~150mhz approx. 1.5div or 15mv 150mhz~350mhz approx. 2div or 20mv					

ext trigger						
range	± 15v					
sensitivity	dc~150mhz pprox. 100mv 150mhz~250mhz approx. 150mv 250mhz~350mhz approx. 150mv					
input impedance	1m ± 3%, ~16pf					

horizontal						
range	1ns/div~100s/div (1-2-5steps); roll: 100ms/div~100s/div					
pre-trigger	10div maximum					
post-trigger	1,000div					
accuracy	± 20 ppm over any 1 ms time interval					

signal acquisition system						
real time sample rate	2.5gsa/s	5gsa/s	2.5gsa/s	5gsa/s	5gsa/s	5gsa/s
equivalent time sample rate	100gsa/s maximum for all models					
record length	25k points					
acquisition mode	normal, average, peak detect, high resolution, single					
	normal: acquire sampled values					
	average: from 2 to 256 waveforms included in average					
	peak detect: catches glitches as narrow as 2ns at all sweep speeds					
	hi res: real-time boxcar averaging reduces random noise and increases vertical resolution					

x-y mode						
x-axis input	channel 1; channel 3					
y-axis input	channel 2; channel 4					
phase shift	± 3° at 100khz					

cursors and measurement						
cursors	amplitude, time, gating available					
automatic measurement	28 sets: vpp, vamp, vavg, vrms, vhi, vlo, vmax, vmin, rise preshoot/overshoot, fall preshoot/overshoot, freq, period, rise time, fall time, positive width, negative width, duty cycle, phase, eight different delay measurements (frr, frf, ffr, fff, lrr, lrf, lfr, lff)					
cursors measurement	?6?2v, ?6?2t					

auto counter	6 digits, range from 2 hz minimum to the rated bandwidth
power measurements (optional)	
power quality measurements	vrms, v crest factor, frequency, irms, i crest factor, true power, apparent power, reactive power, power factor, phase angle.
harmonics	freq, mag, mag rms, phase, thd-f, thd-r, rms
ripple measurements	vripple, iripple
in-rush current	first peak, second peak
control panel functions	
autoset	single-button, automatic setup of all channels for vertical, horizontal and trigger systems, with undo autoset
auto-range	allows users to quickly move from test point to test point without having to reset the oscilloscope for each test point
save setup	20 sets
save waveform	24 sets
display system	
tft lcd	8" tft lcd svga color display (led backlight)
display resolution	800 horizontal × 600 vertical (svga)
interpolation	sin(x)/x and equivalent time sampling
waveform display	dots, vectors, variable persistence, infinite persistence
display graticule	8 x 10 divisions
display brightness	adjustable
interface	
rs-232c port	db-9 port
usb port	2 sets usb 2.0 high-speed host port; 1 set usb 2.0 high speed device port
ethernet	rj-45 port, 10/100 mbps
vga video port	db-15 port, svga monitor output
line output	3.5mm stereo output jack for go/nogo audio alarm
gpib (optional)	usb to gpib converter
go/nogo bnc	maximum 5v /10ma ttl open collector ouput
kensington style lock	rear panel security slot connects to standard kensington style lock
power source	
line voltage range	ac 100v ~ 240v, 48hz ~ 63hz, auto selection
miscellaneous	
multi-language menu	available
on-line help	available
time clock	time and data ,provide the data/time for saved data
dimensions and weight	400(w) x 200(h) x 130(d), approx. 4 kg.

	G winstek /	GDS-3504	4	500	MHz
4 GS/s	25 k	wfms/s			mm
kg					