



Tough Challenges. Critical Solutions.

EddyView Series Comparison

	Pro	Premium	US-454A	EddyView II
General				
Production status	Nearing end-of-life	Nearing end-of-life	Nearing end-of-life	Full Availability
IP rating	No IP rating	No IP rating	No IP rating	Designed to meet the requirements of IP65
Size (W x H x D)	11.5 x 7.5 x 3 in 292 x 191 x 76 mm	11.5 x 7.5 x 3 in 292 x 191 x 76 mm	11.5 x 7.5 x 3 in 292 x 191 x 76 mm	9.4 in x 7.5 in x 3.2 in 239 mm x 191 mm x 81 mm
Weight	5 lbs with battery	5 lbs with battery	5 lbs with battery	6.1 lbs with battery
Power requirements	AC Mains: 100-120 VAC, 200-240 VAC, 50 Hz - 60 Hz	AC Mains: 100-120 VAC, 200-240 VAC, 50 Hz - 60 Hz	AC Mains: 100-120 VAC, 200-240 VAC, 50 Hz - 60 Hz	AC Mains: 100-120 VAC, 200-240 VAC, 50 Hz - 60 Hz
Single Frequency Capabilities	✓	✓	✓	✓
Alarm Mode	✓	✓	✓	✓
Alarm LED	✓	✓	✓	✓
Alarm Region (inside & outside)	✓	✓	✓	✓
Alarm Types, Rectangular, Elliptical, Low and High	✓	✓	✓	✓
Clear/Null Input	✓	✓	✓	✓
Ethernet	✓	✓	✓	with adapter
Display size	6.5" diagonal	6.5" diagonal	6.5" diagonal	8" diagonal
Display pixels	640 x 480 pixels	640 x 480 pixels	640 x 480 pixels	1920 x 1200 pixels
Data Storage	✓	✓	✓	✓
Setup Storage	✓	✓	✓	✓
Report Storage	✓	✓	✓	✓
Frequency Range, 20Hz to 15MHz	✓	✓	✓	✓
X/Y Sensitivity, .01, .02, .05, .1, .2, .5, 1, 2 & 5V	✓	✓	✓	✓
Gain Control	Variable	Variable	Variable	Variable/touch control
X-Y Gain Spread	Variable	Variable	Variable	Variable/0.1 Steps
Probe Drive	0-100%	0-100%	0-100%	0-100%
Filters, HP and LP selectable	✓	✓	✓	✓
Rotation Control	Variable	Variable	Variable	Variable/touch control
Impedance Plane Display	✓	✓	✓	✓
Strip Chart Display, Horizontal, Vertical or Both	✓	✓	✓	✓
Chart Direction Reversal	✓	✓	✓	✓
Battery runtime (no scanner)	6 hours	6 hours	6 hours	9 hours



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Dual Frequency Capabilities	✓	✓	✓	✓
Dual-Frequency Display	✓	✓	✓	✓
Alarm Delay	✓	✓	✓	✓
Alarm Duration	✓	✓	✓	✓
Alarm Headphone Audio Out	✓	✓	✓	✓
TTL Alarm Output	✓	✓	✓	✓
Open Collector Alarm Output	✓	✓	✓	✓
Alarm Buzzer	✓	✓	✓	✓
RS232 Serial Port	✓	✓	✓	with adapter
USB Keyboard Support	✓	✓	✓	✓
USB Flash Drive Support	✓	✓	✓	✓
USB A port	1	1	1	2
Grid Mode Selection	✓	✓	✓	✓
Variable Display Color Themes	✓	✓	✓	✓
Split Screen Display, Impedance and O-Scope	✓	✓	✗	✓
O-Scope Display	✓	✓	✓	✓
O-Scope Alarm Gates	✓	✓	✗	✓
Coating Thickness Measurement	0.0 mil ~ 15 mils ± 1 mil	0.0 mil ~ 15 mils ± 1 mil	✗	0.0 mil ~ 20 mils ± 1 mil
Digital Conductivity	✓	✓	✗	✓
Rotating Scanner Support	✓	✓	✓	Scanner auto detection
Battery runtime (scanner)	>3 hours	>3 hours	>3 hours	6 hours
Quad Frequency Capabilities	✗	✓	✓	✓
Quad-Frequency Display	✗	✓	✓	✓
Waterfall Display	✗	✓	✓	✗
Printer Support	✗	HP/Epson	HP/Epson	HP/Epson/Others
Scan Encoder Support	✗	✓	✓	✓
Auto Name	✗	✓	✓	✓
Aux IO	✗	5 shared	5 shared	8 input, 8 output
Pulse on position	✗	✓	✓	✓
Advanced Capabilities	✗	✗	✗	✓
USB C port	✗	✗	✗	✓
Absolute channel for probe lift-off monitoring	✗	✗	✗	✓
Operates with UniWest array probes	✗	✗	✗	up to 32 channels
Operates UniWest multiplexers	✗	✗	✗	✓
C-Scan image of array data	✗	✗	✗	✓
Load custom color palettes for C-Scan	✗	✗	✗	✓
Scanner identification and setup	✗	✗	✗	✓
Pinch Zoom for alternate gain control	✗	✗	✗	✓
Touch rotation for alternate rotation control	✗	✗	✗	✓