



SI-TEX T-900 Series 8.4" Color LCD Marine Radar

	T-921	T-941	T-940-3/T-940-4
ANTENNA UNIT			
Scanner	18" Radome	25" Radome	3.5' or 4.5' Open Array
Peak Power Output	2kW	4kW	4kW
Output Frequency	9445 \pm 30 MHz	9410 \pm 30MHz	
Beam Width	Horizontal	6°	3.9° 2.5° (3.5'), 1.8° (4.5')
Vertical	25°	25°	22°
Rotation	24 rpm	24 or 48 rpm (48 rpm; 24V DC or more)	
Pulse Width	.08, 0.15, 0.3, 0.5, 1 usec		
IF Frequency	60 MHz		
Range Accuracy	Better than 8m		
Min. Detecting Distance	Within 30m	Within 25m	
DISPLAY UNIT			
Display Size/Type	8.4" TFT Color LCD (480 x 640 pixels)		
Off Centering	Max 66%		
Display Modes	Heads up, North up*, Course up* WPT up**, True motion*		
Indication System	PPI, PPI/PPI, PPI/NAV		
Range Scales NM	1/16, 1/8, 1/4, 1/2, 3/4, 1, 1.5, 2, 3, 4, 6, 7, 12, 16, 24, 32, 48 (T-PNEW to 24,T-941 to 32, T-940 to 48)		
Range Rings NM	1/32, 1/16, 1/8, 1/4, 1/2, 3/4, 1/1.5, 2, 3, 4, 6, 8 12		
Bearing Accuracy	Better than \pm 1°		
Video Level	8 colors		
Distant Unit (VRM unit)	NM, SM, KM		
Alarms	Entry or Breakaway (In and Out) Interference rejection, Target expansion, VRM, EBL, Parallel index, Course position (Lat/Lon), Bearing (true/relative), Trail*, RGB Monitor output, Slave display monitor input/output, External buzzer. Accepts CCD camera input		
Other Functions			
AIS Interface	Option (100 targets)		
ATA	Option (Auto/Manual, 50 targets) BEC, BWC, BWR, DPT, DBT, GGA, GLL, GNS, HDG, HDM, HDT, MTW, MWD, MWV, RMA, RMB, RMC, VHWP, VTG, XTE		
Input Data Format			
Output Data Format	TTM, TLL		
Power Requirements	10.8 ~ 31.2V DC		
Power Consumption	45W	55W	70W or less
Case Dimensions/Weight	9.5"W x 9.5"W" x 4.4"D, 8.2 lbs		
ENVIRONMENTAL			
Water Protection	Display:	IPX 5	
Antenna	CFR 46	IPX 6	



Operating Temperature Display: 5° to 131°F (-15° to 55°C)
 Antenna -13° to 131°F (-25° to 55°C)

EQUIPMENT LIST

Antenna-Scanner unit	RB714A	18"	2kW	T-291
RB715A	25"	4kW	T-941	
RB716A, RW701A-03		3.5	4kW	T-940-3
RB716A, RW701A-04	4.5"	4kW	T-940-4	
Display Unit	MRD-103	With hard cover		
Connecting Cable	242J160680A-10M	With 2 connectors, T-921		
242J158055A-10M	With 2 connectors, T-941			
242J159098A-10M	With 2 connectors, t-940			
DC Power Cable	CW-265-2M	2m		
CCD Camera Cable	CW-405-0.3M			

Operation manual, Quick reference, Fuse (8A)

OPTIONS: ATA, AIS interface, Gyro/Log interface, Power rectifier, AC power cable, Connecting cable for external monitor/external buzzer

*Requires heading, speed, and/or position signal input from external equipment including GPS Compass depending on application of user.

**Requires waypoint data input.

SPECIFICATION SUBJECT TO CHANGE WITHOUT NOTICE