

Podrobné informace o radaru Furuno WR2120.

Data Processing Unit

Specification	Function
OS	Windows® 10 IoT Enterprise 64bit
Data display	
Observational date and time:	Local time display corresponding to the time zone of Windows®
Maximum distance displayed	70 km
Display scale	0.5-70 km
Polar coordinate display (rθ) Coloration	Maximum 15 colors in table (maximum 16 values including no color)
Map display	
Local map display:	bmp, png
Display status (Display the setting button and current setting values)	
Data types	R [mm/h], Zh [dBZ], Zh_corr [dBZ], Zv [dBZ], V [m/s], Zdr [dBZ], Zdr_corr [dBZ], Kdp[deg/km], φdp[deg], ρhv, W [m/s] (Refer to section 2.3.1) for more information)
ATU	Displays current activation and setting values of azimuth & observed elevation
Radar operational settings (Selects ATU settings section from the menu and confirmations)	
Scan mode	PPI, Volume Scan, Sector PPI/RHI,
Interference Rejection	Selects echo data interference rejection
Ground clutter (topographical) Interference rejection	Selects ground clutter echo data rejection
Transmission mask function	Selects sector blanking area in ATU.
Elevation angle (-2 to 90 degrees)	Selects a specified elevation angle for ATU echo data.
Setting of radar constant (Transmission pulse width, rainfall intensity conversion constant B, and β)	Selects required setting for echo data and confirm to ATU.
Data manipulation	
Saving displayed data	Saved in a chronological order unit (Time based file name)
Playing displayed data	Play from a specific file name.
Software	
This product includes software licensed under the Tera Term Project and others.	Directory of Tera Term: C:\Program Files (x86)\teraterm\termpro.exe
Data output	
Output of data file	Output rate 1 to 60 minutes intervals