



Forward Observation Unit FOU-GRS-2

FOU-GRS-2 is a system consisting of multiple observation and measuring devices used for acquiring all necessary parameters for gun rectification on the battlefield. Combining topographic measurements, based on the position of the device and target, with meteorological parameters produced by the onboard weather station, the device calculates necessary data.

TECHNICAL CHARACTERISTICS	
GPS horizontal position accuracy	2 m
GPS vertical position accuracy	4 m
Daytime channel	Optical with reticle
Diopter adjustment	± 5 dptr
Digital magnetic compass	North accuracy 0,45° (8 mils)
Display	Digital TFT LCD, 3.5"
Angle measuring accuracy	≤ 1 mils
Horizontal angle measuring range	0-6400 mils
Vertical angle measuring range	± 500 mils
Weather station	MS-3/D1
Time before first measuring	< 40s
Data transfer	RS 232
Meteorological data transfer	RS 485
Transmission interval	1 s or 100 ms