

Radar (Big Mesh [P-30]) -

Soviet Union [-1991]

Type: Building (Surface)

Commissioned: 1956

Operator: Air Defence Troops [PVO]

Length: 12 m

Width: 12 m

Crew: 0



Sensors / EW:

- Big Mesh [P-30] - (1956, Khrustal) Radar, Radar, Air Search, 2D Long-Range, Max range: 333.4 km

OVERVIEW: The P-30 is a semi-mobile early warning ground control and interception radar operating in the E and F band.

DETAILS: The antenna system of the P-30 is composed of two open frame truncated parabolic antenna accomplishing both transmission and reception. Both antennas are fed by a stacked beam composed of six feed horns. The radar uses two antennas to determine target altitude by the V-beam system with azimuth scanned mechanically.

NOTES: The P-30 is a semi-mobile radar consisting of a trailer mounting the control cabin and transmitter equipment and two trucks carrying the power supply equipment and antenna trailers. The P-30 was developed in 1955.

SOURCES: Wikipedia. "P-30 radar." Accessed December 1, 2013. http://en.wikipedia.org/wiki/P-30_radar