



The sensor employs the well proven scatter technology to measure visibility and precipitation. In addition it utilises a backscatter receiver to improve identification of precipitation type, particularly where drizzle or light snow/blowing snow is present. The VPF-730 features a RS232C digital output, remote maintenance monitoring, no-dew window heaters and 3.5 m length signal and power cables. The sensor provides the following information: instrument identification number, reporting interval, daytime visual range, atmospheric extinction coefficient, remote maintenance flags, precipitation type, obstruction to vision, precipitation amount and temperature.

Manufacturer	Biral
Type	VPF-730
Range	10m to 75km
Accuracy	+/- 2%
Detection threshold rain	0.015mm/hr
Rain rate (max) approx	250mm/hr
Detection threshold snow	0.0015mm/hr
Operating Environment	-50....+60°C (Temperature)
Output	Digital (RS-232, RS422 as an option)
Power supply	Mains, battery or solar
Power requirement	2.0W (sensor head)
Dimensions	750x520mm
Weight	7Kg
Option	Heated version (recommended for -3°C environments)

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