

PAN/TILT MSR-W



MSR-W is a unique pan/tilt which allows the transfer of liquid media to optical devices, whether for cooling or lens showering.

This makes the MSR-W pan/tilt very invaluable, especially in desert areas where the cameras are exposed to extreme temperatures and sand pollution.

Due to the possibility of transferring power of up to five hundred and seventy watts together with HD-SDI video signal, data communication, Ethernet 1000BaseT and up to three separate liquid media to both arms of the pan/tilt while retaining the mobility capabilities and other technical parameters of the original pan/tilts from this series, this is a completely revolutionary project.

Pan/tilt arms move in range of ± 45 degrees and the speed of the azimuth and elevation rotation is remarkable one hundred degrees per second.

Pan/tilt MSR-W is able to carry a load up to 100 kg.

TECHNICAL SPECIFICATION

Range of movement

Azimuth	$n \times 360^\circ$
Elevation	$\pm 45^\circ$

Angular velocity

Azimuth	0.03°/s to 100°/s
Elevation	0.03°/s to 100°/s
Accuracy	± 0.2 mrad
Payload	2 x 25 kg + 50 kg on top
Interface	Ethernet 10/100BaseT protocol TCP/IP
Sensor interface	5 x RS422 / RS232 2 x 1000BASE-T + 2 x HD-SDI
Power supply	24 V DC (20 V – 30 V)
Sensors power supply	up to 600 W with switching capability
Operating temperature	-32 °C to +55 °C (depending on fluid medium used)
Dimesions (W x D x H)	850 x 337 x 590 mm
Weight	max. 48 kg
Envir. protection	IP66
Complies with	EN 61000, MIL-STD- 810, MIL-STD-461E