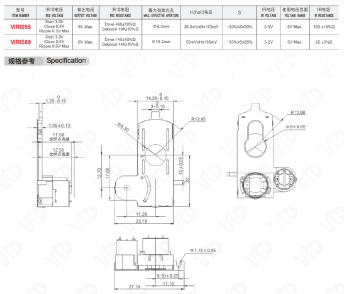
Dual Actuator Optical Sensor Module

This optical module features dual actuators and a central sensor unit with a blue protective film. It is designed for precise positioning and control in security applications.

Overview



Technical reference chart detailing voltage, resistance, and aperture specifications for the VIRIS series modules.

Dual Actuator Optical Sensor Module

The VIRIS95 is a high-precision optical module engineered for advanced security and imaging applications. It features dual actuators and a central sensor unit designed for reliable positioning and control. With specific electrical characteristics including a start voltage of 3.3V and a maximum output of 5V, this module provides consistent performance for demanding optical systems.

Electrical Specifications

IRIS Voltage Parameters

3.3 V	0.5 V	0.3 V	5 V
Start Voltage	Close Voltage	Ripple Voltage (Max)	Output Voltage (Max)

IRIS Resistance

465 ©	190 ©
Drive Resistance	Deboost Resistance

Optical Performance

Optical & Hall Effect Metrics

8 mm	103 mV	26.5 mV
Max Effective Aperture	Max Hall Voltage	Min Hall Voltage

S Parameter Range	-30% to 30%

Additional IR Specs

IR Performance

3.5 V	100 ©	6 V
IR Voltage	IR Resistance	Voltage Range (Max)

Compatibility

Model Comparison Table

Feature	VIRIS95	VIRIS89
Max Aperture	8.0mm	19.2mm
Ripple Voltage (Max)	0.3V	0.6V
Drive Resistance	465©	140©
Deboost Resistance	190©	140©