

# DC950H ILLUMINATOR

The Model DC950H is a 150-Watt quartz halogen illuminator that features a DC-regulated output, which is stabilized to  $\pm 0.5\%$ . It was designed specifically for machine vision lighting where variation in input line voltages would otherwise effect the system. This units nosepiece is compatible with all of DJI standard fiber optics configuration.



The Model DC950H has an intensity control of 0 to 100%, with a EKE quartz halogen lamp. The unit also features a universal AC input power and color filtering capability.

## Features

- 100 - 240 VAC 50/60Hz Universal AC
- Control intensity from 0 to 100%
- Light output regulation of  $\pm 0.05\%$
- Uses a EKE lamp
- Color filtering option

## Specifications

Input Voltage:	100 – 240 VAC 50/60 Hz
Fiber Optic Interface:	DC950H: 1" DC950HB: 0.59" DC950HR: 1" DC950HBF: 0.59" DC950HBR: 0.59"
Lamp:	EKE, 150watt, 21V
Remote Intensity Control:	0-5 VDC analog, optional 8-bit digital or RS232
Dimensions:	7.25" x 9.5" x 4.69"
Approvals:	UL/c-UL, FCC, CE

## RS-232 Remote Control Module

Model Number:	RCM-1407
Baud Rate:	9600
Stop Bits:	1
Data Bits:	8
Parity:	None
Flow Control:	None
Type:	DCE
Input Connector:	9-Pin F D-Sub
Output:	Data Byte: 8 bits parallel
Output Connector:	25-pin M D-Sub



## DC950 REPLACEMENT PARTS

Part #	Description
68600902462	Fuse, 3A 5 x 20, 250V Slo-Blo (115 VAC)
68600902770	Quick Disconnect Lamp Socket
68600902787	Fuse, 3.15A 5 x 20, 250V Slo-Blo (115 VAC)
FLH-DCH	Filter Holder & IR Filter-Hot Mirror (accepts 25mm diam filters)

Lamp	Description
EKE	21V, 150 Watt (Std Lamp for DC950)
EJV	21V, 150 Watt

## DC950 MODELS

Model #	Description
DC950H	High Output, 150 Watt, regulated output, 115/230V input auto-ranging, 50/60Hz, EKE Lamp, 0.985 ID nose piece, US power cord, RoHS Compliant
DC950HF	High Output, 150 Watt, regulated output, 115/230V input auto-ranging, 50/60Hz, EKE Lamp, 0.985 ID nose piece with IR filter and holder, US power cord, RoHS Compliant
DC950HR	High Output, 150 Watt, regulated output, 115/230V input auto-ranging, 50/60Hz, EKE Lamp, 0.985 ID nose piece with IR filter and holder, and iris, US power cord, RoHS Compliant
DC950HB	High Output, 150 Watt, regulated output, 115/230V input auto-ranging, 50/60Hz, EKE Lamp, 0.590 ID nose piece, US power cord, RoHS Compliant
DC950HBF	High Output, 150 Watt, regulated output, 115/230V input auto-ranging, 50/60Hz, EKE Lamp, 0.590 ID nose piece with IR filter and holder, US power cord, RoHS Compliant
DC950HBR	High Output, 150 Watt, regulated output, 115/230V input auto-ranging, 50/60Hz, EKE Lamp, 0.590 ID nose piece with IR filter and holder, and iris, US power cord, RoHS Compliant

