



HD-SDI Slip Rings — Specification Sheet

An HD-SDI slip ring carries uncompressed high definition video from a camera on a continuously rotating platform to the fixed recorder or switcher, without dropped frames at the joint.

Models in this sheet	15
Manufacturer	JiuJiang Ingiant Technology Co., Ltd
Established	2014
Quality system	ISO 9001, GJB9001C, GB/T 19001-2008 / ISO 9001:2008
Standard lead time	7–15 days
Customised lead time	10–20 days simple, 15–40 days complex
Delivery port	Jiujiang, China Mainland
Warranty	12 months from date of sale
Enquiries	sales@ingiant.com · WhatsApp +86 138 7929 7499

What this family solves

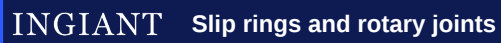
Broadcast and inspection cameras on pan-tilt heads and rotating rigs need an unbroken high frame rate video path, and any contact noise in the rotating joint becomes a visible artefact.

INGIANT HD-SDI units combine the video channels with power and control rings in one body, so the camera, the drive and the control bus all pass through a single rotating interface.

Model list with published parameters

Model / product	Circuits	Voltage	Current	Speed	IP
DHS030-26 Ingiant 30mm series high definition video slip ring with 1 channel...	26	0~240 VAC/VDC	can be customized	0~600rpm	IP54
DHK025-31 Ingiant High-definition video slip ring with 1 channel HD-SDI...	31	0~240 VAC/VDC	2A.5A.10A.15A.20A	0~600rpm	IP54
DHS029-40 Ingiant HD-SDI Slip Ring out diameter 29mm 1080P HD video signal...	40	0~240 VAC/VDC	can be customized	0~600rpm	IP54
DHS035-34 Ingiant out diameter 35mm HD Slip Ring with 6 channels power and...	34	0~240 VAC/VDC	can be customized	0~600rpm	IP54
DHS045-40-002 45mm HD-SDI slip ring 1080P HD signal slip ring flange...	40	0~240 VAC/VDC	can be customized	0~600rpm	IP54
DHK022-24 22mm through hole HD slip ring transmit HD (1080P) video signals...	24	0~240 VAC/VDC	2A.5A.10A.15A.20A	0~600rpm	IP54
DHS024-20-002 HD-SDI conductive slip rings HD media equipment interface...	20	0~240 VAC/VDC	can be customized	0~600rpm	IP54
DHK065-29 HD-SDI slip ring transmit signals and power current	29	0~240 VAC/VDC	2A.5A.10A.15A.20A	0~600rpm	IP54
Ingiant HD conductive slip ring diameter 76mm 14channels	114	0~240 VAC/VDC	can be customized	0~600rpm	IP54
DHS051-44 Customized non-standard HD-SDI slip ring diameter 51mm 44channels...	44	0~240 VAC/VDC	can be customized	0~600rpm	IP54
DHS028-30 HD-SDI slip ring Loss-free transmission diameter 28mm 30channels	30	0~240 VAC/VDC	can be customized	0~600rpm	IP54
DHS095-57 HD-SDI slip rings diameter 95mm 57 channels for perfect broadcasting	57	0~240 VAC/VDC	can be customized	0~600rpm	IP54
DHS062-87 HD-SDI slip ring (1080p) including power and electrical signal...	87	0~240 VAC/VDC	can be customized	0~600rpm	IP54
DHS075-49 solid shaft HD-SDI slip ring diameter 75mm 49channels transmit...	87	0~240 VAC/VDC	can be customized	0~600rpm	IP54
DHS110-21 high-definition video signal slip rings are widely used in vision...	21	0~240 VAC/VDC	can be customized	0~600rpm	IP54

How to order



Send these eight inputs and INGIANT returns a design and a drawing: Operating speed in rpm; Type of installation and mounting interface; Installation envelope and bore size; Number of circuits, counted as single wires beside the cable; Rated voltage and current for the power rings and the signal rings; Signal type and its parameters — this is the parameter that decides the design; Operating temperature range; IP sealing requirement.

Dashes in the table mean the value is not published for that model because the build is set against the customer drawing. It is issued with the quotation.