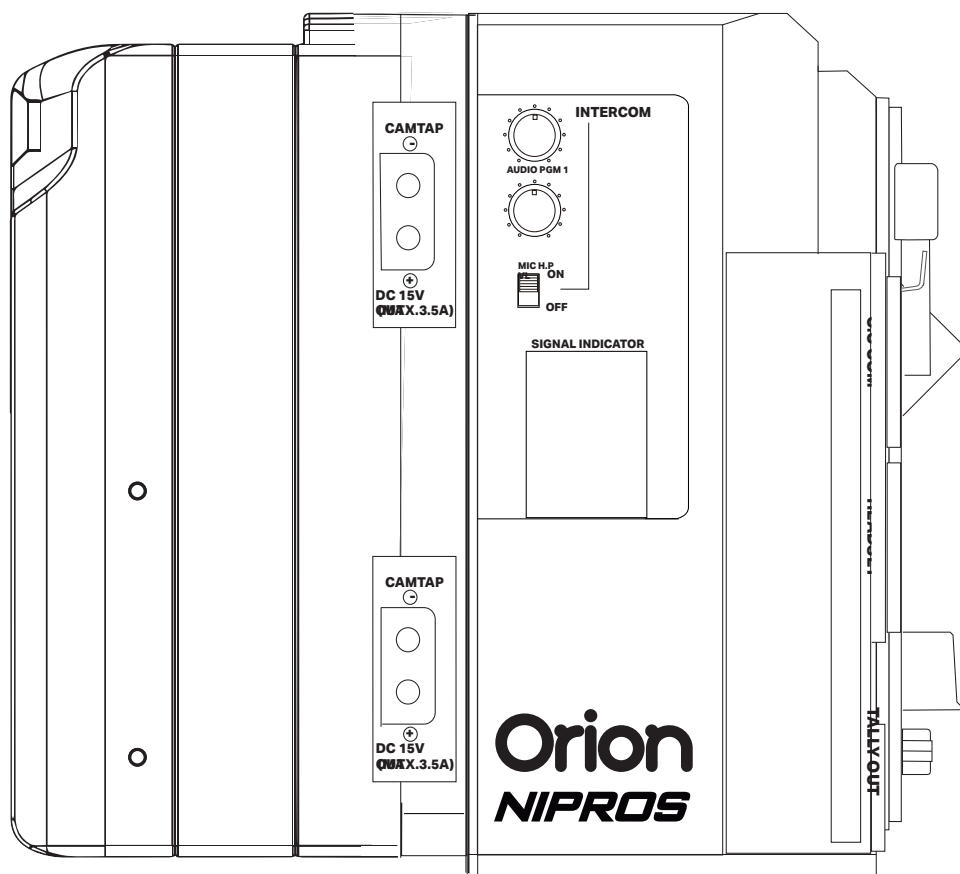


Orion 14/24V

Video. Control. Power.
Connected by fiber.



12G-SDI

12G / 3G / HD / SD

14/24V

Dual-Voltage

2000m

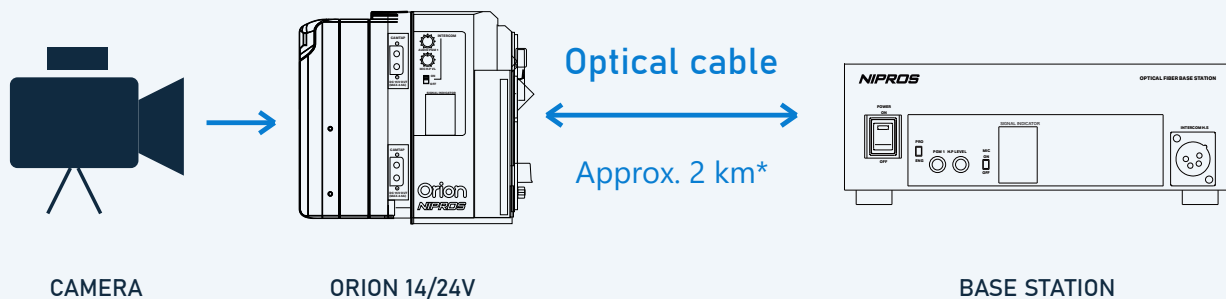
Approx. distance with power*

Connect the camera. Connect the production.

Carry video, return video, intercom, tally, remote control and power between the camera adapter and base station over an optical link.

SYSTEM CONNECTION

Illustrative configuration



01 SDI video

12G / 3G / HD / SD-SDI support. Two SDI inputs on the camera adapter.

02 Return video

Routes the base station RET input to the camera adapter RET output.

03 Intercom & tally

Clear-Com-compatible 2W intercom. 4W connection at the base station. Tally signals supported.

04 Remote control

RS-232 / RS-422 remote interfaces and a lens iris control connector.

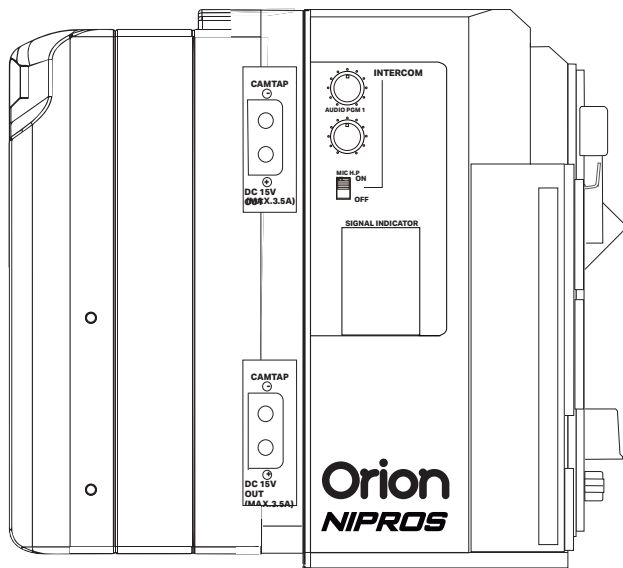
05 Gigabit LAN

A 1 Gbps RJ45 interface on both the camera adapter and base station.

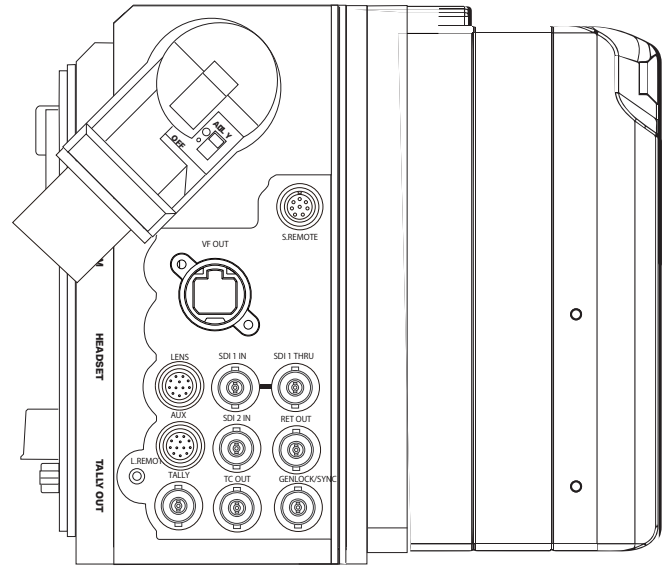
06 Dual-Voltage Power

Support for both 14V and 24V gives you greater flexibility when configuring your camera system.

* Transmission distance and power delivery depend on the cable used. See pages 3 and 4 for connector specifications and power output conditions.



MAIN PANEL



CONNECTOR PANEL

VIDEO & SYNC

SDI inputs	BNC ×2 12G / 3G / HD / SD-SDI
Return output	BNC ×1 12G / 3G / HD / SD-SDI
Sync signal	BNC ×1 / Bi-level, Tri-level
Timecode	BNC ×1 / TC OUT
Viewfinder out	20-pin ×1

POWER

DC inputs	Via optical cable; XLR 4-pin ×1; V-mount battery
V-mount output	DC 15 V / 24 V [1]
CAMTAP outputs	Female ×2 Each: DC 15 V / 3.5 A max.
Max. power out	Approx. 11 A / 170 W [2]
Power required	DC 12 V / approx. 20 W max.

CONTROL & CONNECTIVITY

Intercom	Headset: XLR 4-pin or 5-pin 2W: XLR 3-pin (female) ×1 Clear-Com compatible
Tally	BNC ×1: green 3.8 V / red 5 V Red LED: Hi / Lo / OFF
Remote	AUX: RS-232C S.REMOTE: RS-422 L.REMOTE: 2.5 mm jack LENS: iris control
LAN	RJ45 ×1 / 1 Gbps
Optical interface	SMPTE 304M / TAJIMI or LEMO Approx. 2 km [2]

GENERAL

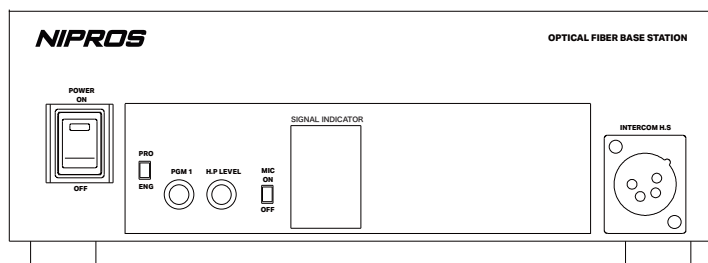
Dimensions	Approx. 110 ×156 ×186 mm (W × H × D, excluding protrusions)
Weight	Approx. 1.45 kg
Temperature	Operating: 0 to +40°C Storage: -20 to +60°C
Humidity	0 to 95% RH, non-condensing

[1] 24 V output requires a B-mount adapter for ARRI. CAMTAP outputs remain at 15 V.

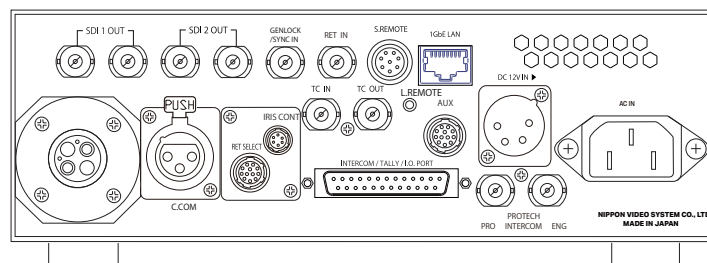
[2] Transmission distance and power delivery depend on the cable used.

Base Station

Optical fiber base station



FRONT PANEL



REAR PANEL

VIDEO & SYNC

SDI outputs	2 channels, 2 outputs each BNC × 4 / 12G / 3G / HD / SD-SDI
Return input	BNC × 1 12G / 3G / HD / SD-SDI
Sync input	BNC × 1 / Bi-level, Tri-level
Timecode	Input / output with loop-through

POWER

AC supply	AC 85 to 240 V
DC supply	DC 12 V / approx. 40 W max. XLR 4-pin (male) × 1
DC delivery	To camera adapter via optical cable
Max. power out	Approx. 300 W*

GENERAL

Dimensions	Approx. 215 × 115 × 388 mm (W × H × D, excluding protrusions)
Weight	Approx. 5 kg
Temperature	Operating: 0 to +40°C Storage: -20 to +60°C
Humidity	0 to 95% RH, non-condensing

CONTROL & CONNECTIVITY

2W intercom	XLR 3-pin (female) × 1 Clear-Com compatible
4W intercom	DB-25 × 1, shared with tally
Headset	XLR 4-pin or 5-pin × 1 (select)
Tally input	DB-25 × 1, shared with intercom
Remote	AUX 12-pin × 1: RS-232 / RS-422 S.REMOTE 8-pin × 1: RS-422 L.REMOTE 2.5 mm jack × 1
RET SELECT	12-pin × 1 RET SELECT adapter / DC output
LAN	RJ45 × 1 / 1 Gbps hub
Optical interface	SMPTE 304M / TAJIMI Approx. 2 km*

POWER OUTPUT

Approx. 300 W at the base station and 170 W at the camera adapter are separate maximum output ratings. Cable limits apply.

* Transmission distance and power delivery depend on the cable used.
Features, design and specifications are subject to change without notice.
Based on the supplied specification dated 11 September 2026.