

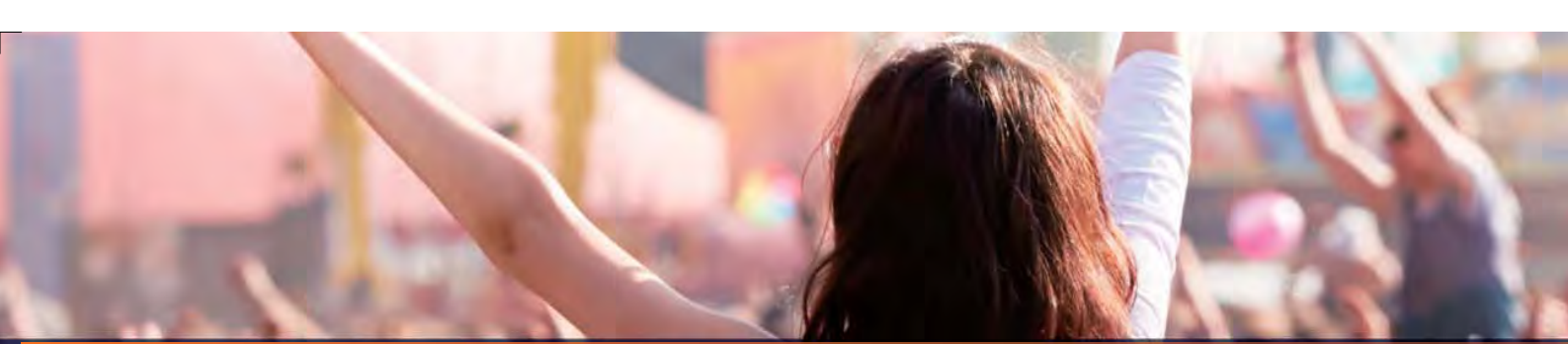
# Ikegami

## *iHTR series*

Video Packetizing Optical Multiplex Fiber Transmission System

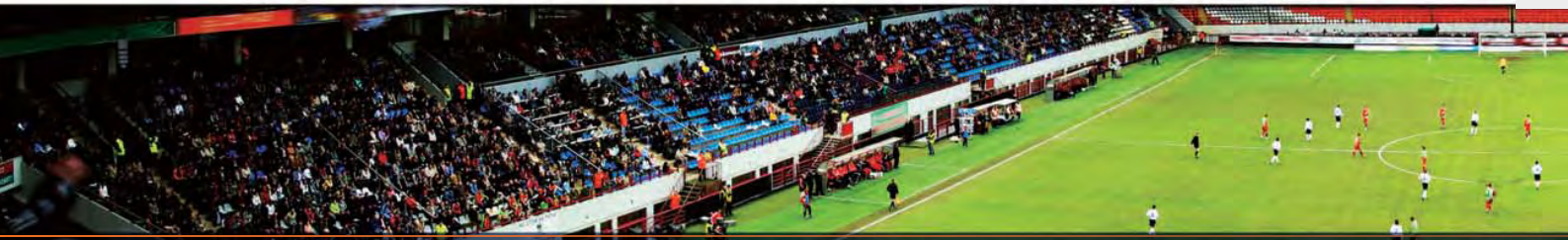
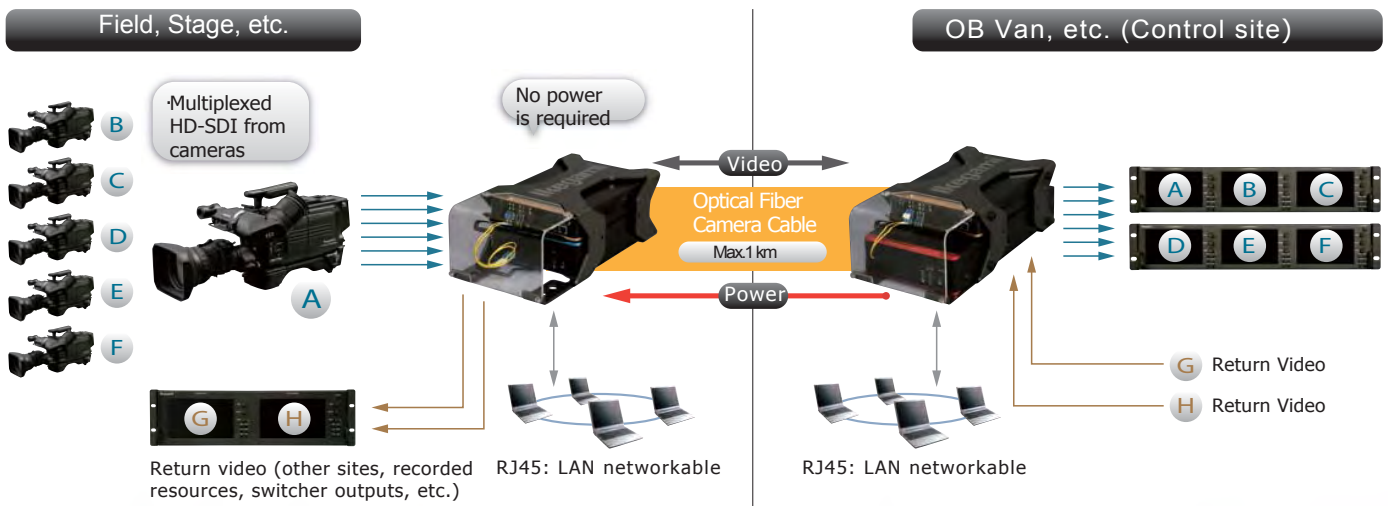


A maximum of 8 HD-SDI video signals can be transmitted by 1 set. For multi-angle video transmission from a live event or multi-source video transmission with dark-fiber, these units can improve efficiency in various situations. (Note: 2-core optical fiber is required for 8 video signal transmission.)



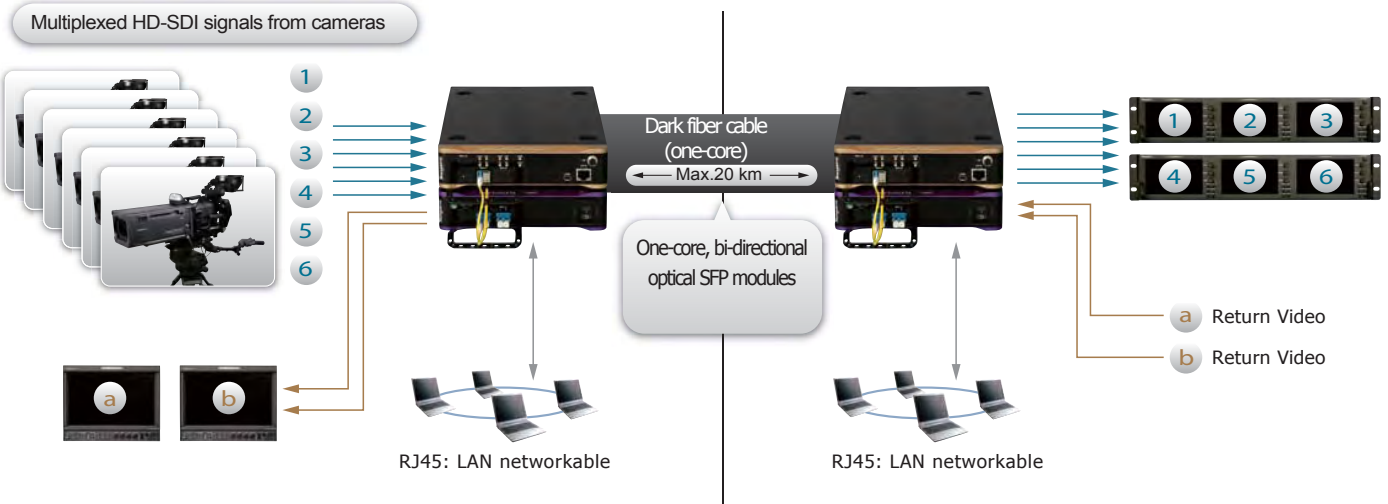
## Optical-Fiber Camera Cable Operation for Live Broadcasting Event

Camera cable adaptor with power supply, transmit DC power via optical camera cable. 6x video sources and 2x return videos can be transmitted by one cable.

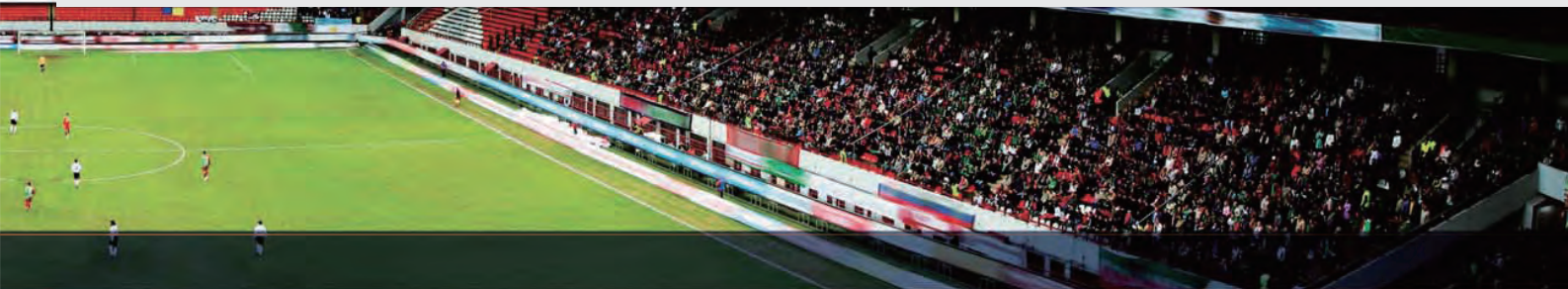
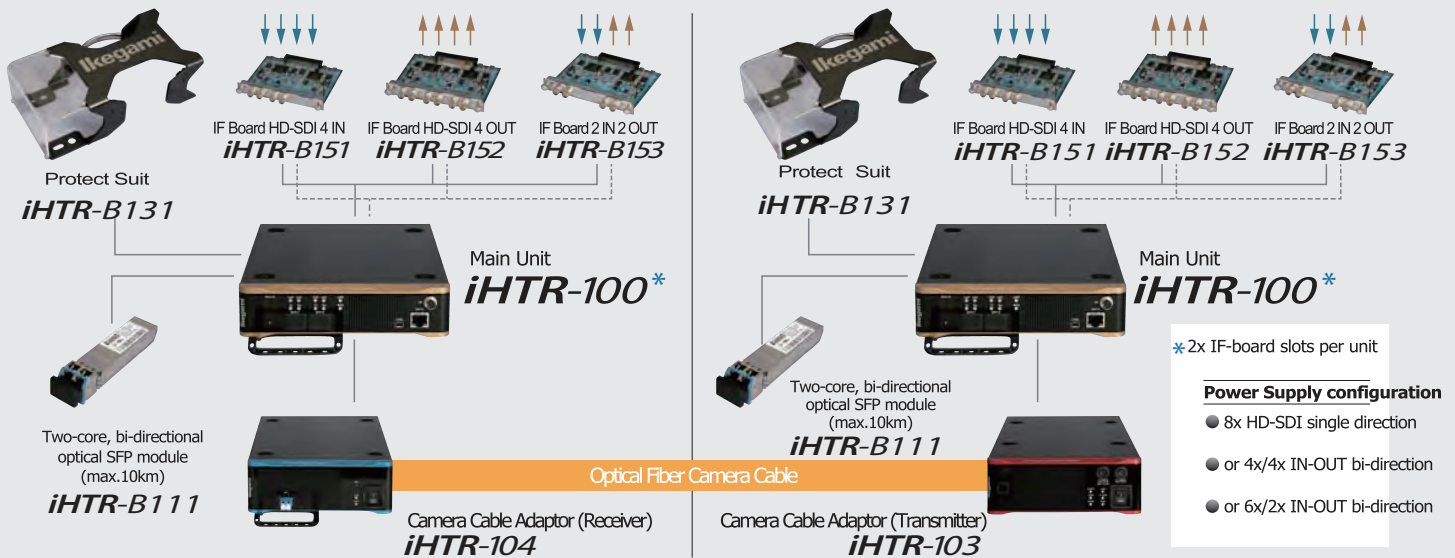


## For Multiple Real-time Video Transmission from Remote Location

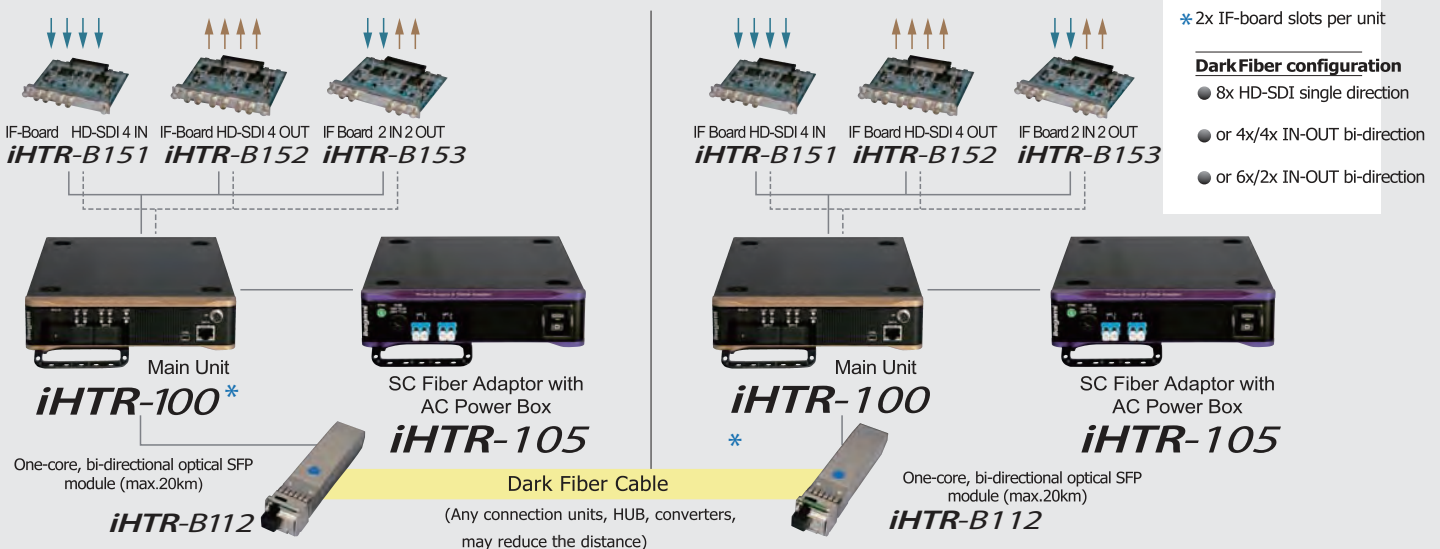
One optical fiber line can transmit 6x video sources and 2x return videos.



## Optical-Fiber Camera Cable Operation for Live Broadcasting



## Dark-Fiber Cable Operation for remote locations



# iHTR series Video Packetizing Optical Multiplex Fiber Transmission System

	Part Number	Name	Function
	iHTR-100	HTR Main Unit	1RU size, with 2x I/F board-slot
	iHTR-B151	HD-SDI 4 IN	HTR HD-SDI 4Input Board
	iHTR-B152	HD-SDI 4 OUT	HTR HD-SDI 4Output Board
	iHTR-B153	HD-SDI 2 IN 2 OUT	iHTR HD-SDI 2Input/2Output Board
	iHTR-101	HTR DC Power Supply	AC Power Box for iHTR-100
	iHTR-102	HTR Power Supply & Fibre Cable Adaptor	AC Power Box for iHTR-100 with LEMO/TAJIMI fibre optics cable adaptor
	iHTR-103	HTR DC Power Transmission Adaptor	Power Box & Power Transmitter to iHTR-104 with LEMO/TAJIMI Fibre Optics Cable CN.
	iHTR-104	HTR DC Power Receiving Adaptor	Power Box & Power Receiver from iHTR-103 with LEMO/TAJIMI Fibre Optics Cable CN.
	iHTR-105	HTR Power Supply & Cable Adapter SC	AC Power Box for iHTR-100 with SC fibre optics cable adaptor
	iHTR-B111	Optical Transceiver	SFP+ Optical Transceiver (2-core bidirectional 10km)
	iHTR-B112	Optical Transceiver	iSFP+ Optical Transceiver (1-core bidirectional 20km)
	iHTR-B131	HTR Protect Suit	For Connector/Cable Protection and Mobile Use

## ■ iHTR-100 Specification

TRANSMISSION RATE	----- 10.3125Gbps	Bidirectional	INTERFACE UNIT	----- 2 SLOTS I/F BOARD
OPTICAL TRANSCEIVER	----- SFP+	2 x SLOTS	DATA INTERFACE	----- 100 BASE-TX × 1
OPTICAL CONNECTOR	----- LC TYPE		LATENCY	----- 200 μsec OR LESS
TRANSMISSION DISTANCE	----- MAX. 20 km	(with STANDARD SFP TRANSCEIVER)	INPUT POWER	----- DC12V ±10%
TRANSMISSION CHANNEL	----- HD-SDI	NON-COMPRESSION MAX. 8 CH (2-CORE CABLE)	POWER CONSUMPTION	----- 30W (APPROX. WITH 2X SDI I/F BOARDS)
TOPOLOGY	----- 1-PAIR CONNECTION, LOOP CONNECTION		DIMENSION	----- W181 x H44 x D255mm

Design and specifications are subject to change without notice.

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