

# FE-C140SE / FE-B100A Fiber Extension System

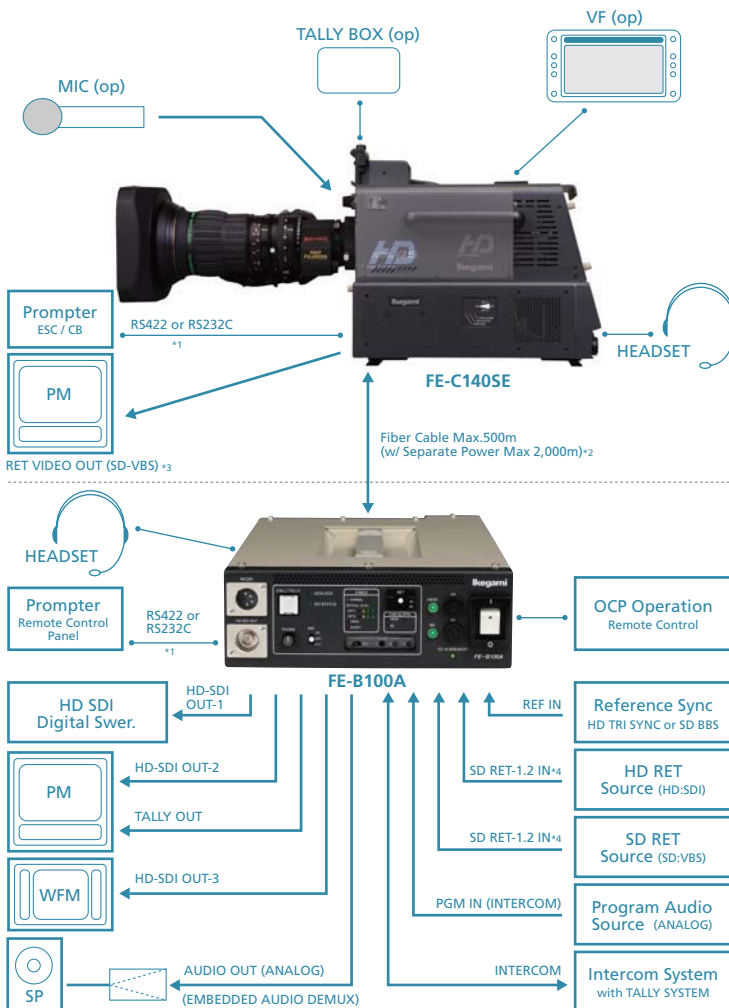
The fiber extension system transmits HD-SDI, genlock, control, intercom, and microphone audio up to 500m (or up to 2Km with an additional separate power supply) on SMPTE hybrid fiber cable.

## Large Viewfinder support

For manned operation, a large studio viewfinder such as 5" B/W CRT VF or 9" color LCD VF can be mounted on the FE-C140SE adapter.



## Fiber System Diagram



Note:  
 \*1: RS-422/RS-232C serial data interface is provided for Prompter or Pan/Tilt system.  
 \*2: External +12VDC power must be provided at the camera side for extending cable length more than 500m.  
 \*3: When SD-RET is selected, there is no RET-SDI output at CA side.  
 \*4: Due to transmission of one RET channel over the camera cable, RET-1/RET-2 is switched at CA.

## Advanced Network Control System

The OCP-200 / MCP-200 is a new Network based control panel system offered as an alternate to the traditional Ikegami style control panels. The Arc-net system allows any OCP-200 to control any camera with assignment set at the OCP itself. System wiring is simplified with control of up to 96 cameras via a single coax cable between CCU locations and video control locations. The OCP-200 and MCP-200 include touch screen LCDs. The depth-of-control of the OCP-200 can be selected from basic to complete to fit the customers' operating discipline. Conventional one by one camera control connection is also available.



# FE-C140SE/FE-B100A



FE-100A with HDN-X10

FE-100A with HDS-V10

## FE-C140SE Camera Adapter | Ratings&Performance

Transmission	HD-SDI SMPTE292M 1.485Gbps, 1 channel
Video Trunk signal	HD-SDI SMPTE292M or NTSC VBS, 1 channel
Transmission Distance	500m or 2000m with an additional separate power supply
Input Signals	Audio signal :-60 / -40 / -20 / 0dBm, 600Ω balanced, 2 channel Intercom signal :-60dBm, 1 channel Camera control :Ikegami COMMAND, 1 channel (PRC05-8pin M) Serial Interface :RS-232C/RS-422 (D-SUB 25-pin F)
Output signals	RET signal (SDI) :HD-SDI SMPTE292M, 1 channel (75Ω BNC) RET signal (Analog) :HD-Y ch: PS 1.0Vp-p or NTSC VBS: VS 1.0p-p, 1 channel (75Ω BNC) Phase reference :Tri-Sync 0.6Vp-p (BNC) Audio PGM :0dBm, 600Ω balanced, 1 channel (XLR-3pin M) Camera control :Ikegami COMMAND, 1 channel (PRC05-8pin M) Serial Interface :RS-232C/RS-422 (D-SUB 25-pin F)
Ambient Operating Temperature	-10°C ~ +45°C (+14° F ~ +112° F) [Humidity 30% ~ 90%, non-condensing]
Weight	Approx. 4.5kg (9.9 lbs), excluding HDL-45, VF.
Dimensions	W148 x H198 x D280mm (W5.83 x H7.8 x D11.02 inches)

## FE-B100A Base Station | Ratings&Performance

Input Signals	RET signal (HD) :HD-SDI SMPTE292M (75Ω BNC) RET signal (SD) :NTSC VBS (75Ω BNC) Phase reference :Tri-Sync 0.6Vp-p or BBS 0.3Vp-p, 2-channel (75Ω BNC) (HD/SD auto detection) Intercom signal :-60dBm, 1 channel Audio PGM :0dBm, 600Ω balanced, 1 channel (XLR-3pin M) Intercom signal :+10dBu max. Camera control :Ikegami COMMAND, 1 channel (PRC05-8pin M) Serial Interface :RS-232C/RS-422 (D-SUB 25-pin F)
Output Signals	Main Video :HD-SDI SMPTE292M 1.485Gbps, 4 channel (75Ω BNC) Audio signal :+4dBm, 600Ω balanced, 2 channel Intercom signal :+10dBu max. Serial Interface :RS-232C/RS-422 (D-SUB 25-pin F)
Weight	Approx. 4.4kg (9.7 lbs)
Dimensions	W214.6 x H77.5 x D351.5mm (W8.85 x H3.05 x D13.84 inches)

Design and specifications are subject to change without notice.

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