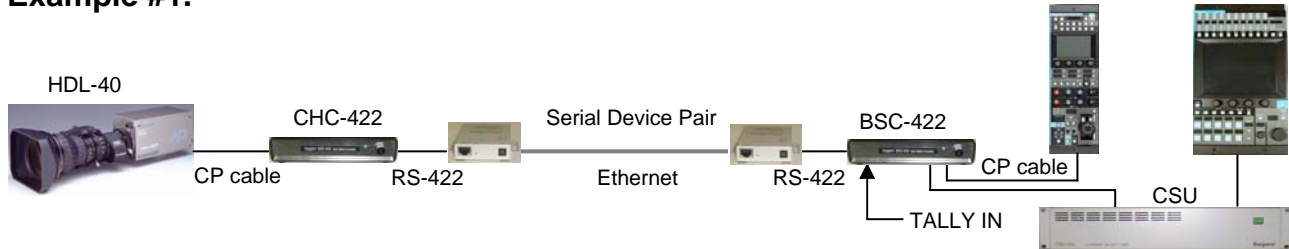


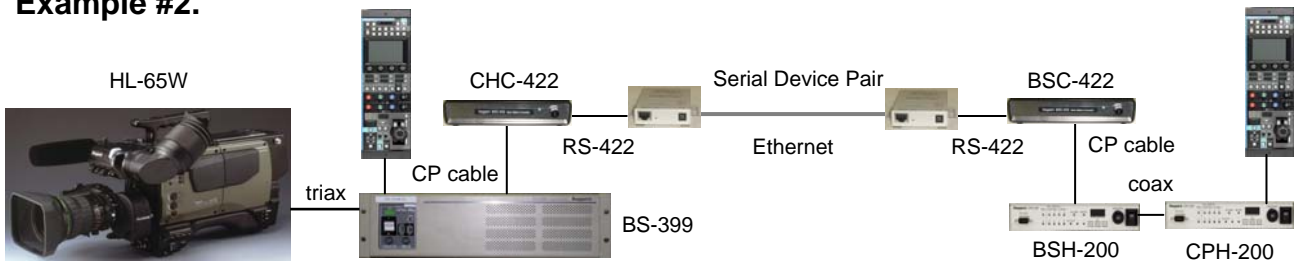
# CHC-422 / BSC-422 Operation Instructions

**Introduction.** The CHC-422 and BSC-422 are data converters, converting high speed ICCP Ikegami Camera Control Protocol to low speed ITCP Ikegami Telemetry Control Protocol for full camera control over longer distance via ethernet communication. The converters must be used as a pair, together with commercially available RS-422 / ethernet serial devices. A couple of configuration examples as follows:

## Example #1.



## Example #2.



- Notes:**
- 1) RS-422 cable between CHC-422 and serial device is straight 9-pin cable. Same for cable between serial device and BSC-422.
  - 2) Power for CHC-422 is provided by the camera or base station via the CP cable. Max. cable length is 15m on mini-type and 100m on standard type.
  - 3) MOXA Nport and DC3 Etherpath are examples of RS-422 / ethernet serial devices.

## Connector Pin Out:

RS-422	
1	TXD - A
2	TXD + B
3	RXD + B
4	RXD - A
5	GND
6	N / C
7	N / C
8	N / C
9	N / C

TALLY IN	
A	R TALLY (H)
B	G TALLY (H)
C	R TALLY (C)
D	G TALLY (C)
E	N / C
F	N / C
G	GND

Same for CHC and BSC