

# HD-CCTV Converters & etc

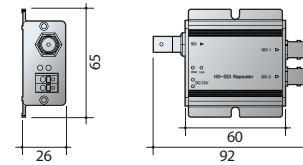
## RP102



### Key Features

- The world's first HDcctv certified repeater
- HD-SDI repeater & distributor
- BNC 1ch input / 2ch output
- Auto detection on input image
- Transmission distance expandable using multiple repeaters
- HD-SDI transmission distance : Approx. 200m(650 ft.) of RG6 or 150m(490 ft.) of RG59
- Power, Link LED indicator

### Dimension (Unit:mm)

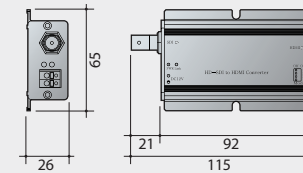


## SDI2HDMI

### Key Features

- The world's first HDcctv certified converter
- HD-SDI to HDMI converter
- BNC input / HDMI output
- HD-SDI transmission distance : Approx. 200m(650 ft.) of RG6 or 150m(490 ft.) of RG59
- HDMI embedded audio output
- Power, Link LED indicator

### Dimension (Unit:mm)

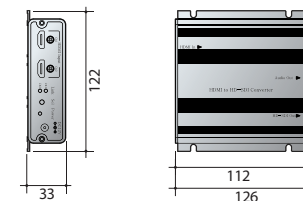


## HDMI2SDI

### Key Features

- HDMI to HD-SDI converter
- Auto detection on input image
- Mode selection switch for video output format selection
- HD-SDI embedded audio & RCA audio output
- Power, Link LED indicator

### Dimension (Unit:mm)



## Specifications

<b>VIDEO INPUT</b>	
Video Input standard	1CH(HD-SDI SMPTE 292M)
Resolution	SMPTE 274M(1080i50/60, 1080p25/30) SMPTE 296M(720p25/30/60)
<b>VIDEO OUTPUT</b>	
Video Output standard	2CH(HD-SDI SMPTE 292M)
Resolution	SMPTE 274M(1080i50/60, 1080p25/30) SMPTE 296M(720p25/30/50/60)
<b>PERFORMANCE</b>	
Function	Include equalizing, Reclocking, Driver

<b>INTERFACE</b>	
Indication LED	Power LED(Red), Link LED(Green)
<b>ENVIRONMENTAL &amp; PHYSICAL</b>	
Dimension	92(W) x 65(D) x 26(H) mm
Weight	Approx. 120g(0.2 lbs)
Operating temperature	0°C ~ 50°C / 20%RH to 80%RH
Input Voltage	DC 12V
Power consumption	Max 3W
Approval	KC, FCC, CE, RoHS, HDcctv

## Specifications

<b>VIDEO INPUT</b>	
Video Input standard	1CH(HD-SDI SMPTE 292M)
Resolution	SMPTE 274M(1080i50/60, 1080p25/30) SMPTE 296M(720p25/30/50/60)
<b>VIDEO OUTPUT</b>	
Video Output standard	1CH(HDMI)
Resolution	1080p60RB, 1080p60, 1080i60, 720p60
<b>AUDIO</b>	
Audio Output	2CH(Left, Right), HDMI

<b>INTERFACE</b>	
Indication LED	Power LED(Red), Link LED(Green)
Mode switch	4 switch for operation mode setting
<b>ENVIRONMENTAL &amp; PHYSICAL</b>	
Dimension	115(W) x 65(D) x 26(H) mm
Weight	Approx. 140g(0.3 lbs)
Operating temperature	0°C ~ 50°C / 20%RH to 80%RH
Input Voltage	DC 12V
Power consumption	Max 4W
Approval	KC, FCC, CE, RoHS, HDcctv

## Specifications

<b>VIDEO INPUT</b>	
Video Input standard	2CH(HDMI, selectable)
Resolution	1080p60/50, 1080i60/50, 480p60, 576p50 480i60, 576i50
<b>VIDEO OUTPUT</b>	
Video Output standard	2CH(HD-SDI SMPTE 292M)
Resolution	SMPTE 274M(1080i50/60, 1080p25/30) SMPTE 296M(720p25/30/60)
<b>AUDIO</b>	
Audio output	2CH (Left, Right), RCA connector
<b>PERFORMANCE</b>	
Function	Include equalizing, Reclocking, Driver

<b>INTERFACE</b>	
Indication LED	Input channel indication LED (Green, Red), Power LED (Red)
Mode switch	4 switch for operation mode setting
<b>ENVIRONMENTAL &amp; PHYSICAL</b>	
Dimension	126(W) x 122(D) x 33(H) mm
Weight	Approx. 310g(0.7 lbs)
Operating temperature	0°C ~ 50°C / 20%RH to 80%RH
Input Voltage	DC 12V
Power consumption	Max 4W
Approval	KC, FCC, CE, RoHS

# HD-CCTV Converters & etc

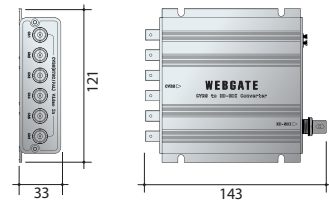
## SD2HD



### Key Features

- CVBS to HD-SDI converter
- Max 6ch CVBS signal input
- NTSC/PAL switch selectable
- 1/4/6ch output selectable
- 16:9, 4:3 video ratio mode
- HD-SDI transmission distance  
: Approx. 200m(650 ft.) of RG6 or 150m(490 ft.) of RG59
- Power LED indicator

### Dimension (Unit:mm)



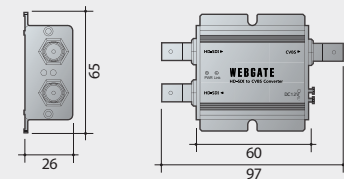
## HD2SD



### Key Features

- The world's first HDcctv certified converter
- HD-SDI to CVBS converter & HD-SDI Loop out
- BNC 1ch input / 2ch output
- Auto detection on input video
- HD-SDI transmission distance  
: Approx. 200m(650 ft.) of RG6 or 150m(490ft.) of RG59
- Power, Link LED indicator

### Dimension (Unit:mm)



## Specifications

<b>VIDEO INPUT</b>	
Video Input standard	6CH(NTSC/PAL CVBS)
<b>VIDEO OUTPUT</b>	
Video Output standard	1CH(HD-SDI SMPTE 292M)
Resolution	SMPTE 274M(1080p25/30)
<b>INTERFACE</b>	
Indication LED	Power LED(RED)
Mode switch	SW1 : NTSC/PAL select    SW2 : 1CH Mode select SW3 : 4CH Mode select    SW4 : 16:9/4:3 Mode select

<b>ENVIRONMENTAL &amp; PHYSICAL</b>	
Dimension	143(W) x 121(D) x 33(H) mm
Weight	Approx. 320g(0.7 lbs)
Operating temperature	0°C ~ 50°C / 10%RH to 80%RH
Input Voltage	DC 12V
Power consumption	Max 5W
Approval	KC, FCC, CE, RoHS

## Specifications

<b>VIDEO INPUT</b>	
Video Input standard	1CH(HD-SDI SMPTE 292M)
Resolution	SMPTE 274M(1080i50/60, 1080p25/30) SMPTE 296M(720p25/30/50/60)
<b>VIDEO OUTPUT</b>	
Video Output standard	1CH (CVBS, NTSC/PAL-auto change according to 25/30Hz) 1CH (HD-SDI SMPTE 292M)
Resolution	SMPTE 274M(1080i50/60, 1080p25/30) SMPTE 296M(720p25/30/50/60)
<b>INTERFACE</b>	
Indication LED	Power LED : Red, Link LED : Green

<b>ENVIRONMENTAL &amp; PHYSICAL</b>	
Dimension	97(W) x 65(D) x 26(H) mm
Weight	Approx. 120g
Operating temperature	0°C ~ 50°C / 20%RH to 80%RH
Input Voltage	DC 12V
Power consumption	Max 2.2W
Approval	KC, FCC, CE, RoHS, HDcctv



# Fiber-Optic Transmitter



## OPT-TX1-RS485

Fiber-Optic Transmitter

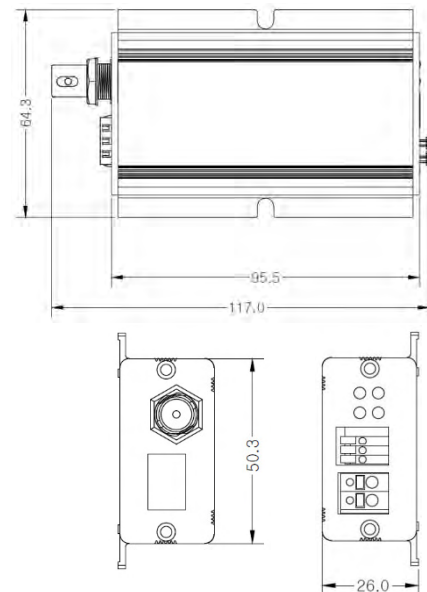
### Features & Specifications

- 1-ch HD-SDI to Optic converter on camera side
- BNC 1-ch input, LC type 1-ch Fiber-optic output
- SMTPE-292M (HD-SDI), Supports C1080p30/1080i60/720p60
- Up to 20Km video/data (RS485) transmission via single-mode cable
- Power, Video, Data, Optic status LED indicators

### Environmental & Physical

Dimensions	117(W) x 64.3(D) x 26(H) mm
Weight (g)	
Operating Temperature	0°C~50°C / 5%~95%RH
Input Voltage	DC12V
Power Consumption (W)	
Approval	KCC, FCC, CE, RoHS

### Dimensions (Unit: mm)



# Fiber-Optic Transmitter



## OPT-TX4-RS485U Fiber-Optic Transmitter

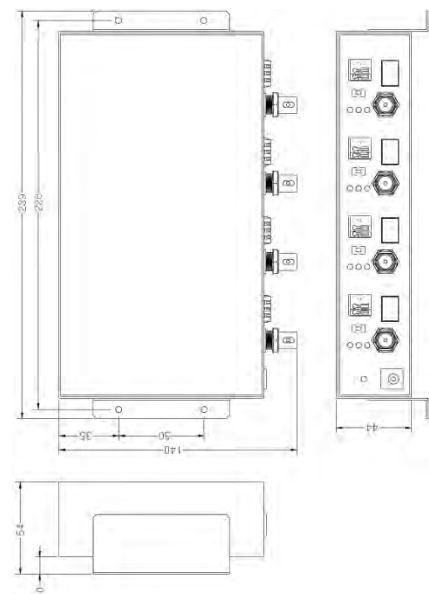
### Features & Specifications

- 4ch HD-SDI to Optic converter
- BNC 4ch input, LC type 4ch Fiber-optic output
- Supports SMPTE-292M(HD-SDI) video standard
- Supports 1080p25/30, 1080i50/60, 720p25/30/50/60 resolution
- Up to 20Km video/data(RS485) transmission via single-mode cable
- Power, Video, Data, Optic status LED indicators

### Environmental & Physical

Dimension	239(W) x 120(D) x 44(H) mm
Weight	Approx. 1Kg (2.20lbs)
Operating Temperature	0°C~50°C / 5%~95%RH
Input Voltage	DC12V
Power Consumption	Max. 6.0W
Approval	KC, FCC, CE, RoHS

### Dimension (Unit : mm)



# Fiber-Optic Receiver



## OPT-RX1-RS485

Fiber-Optic Receiver

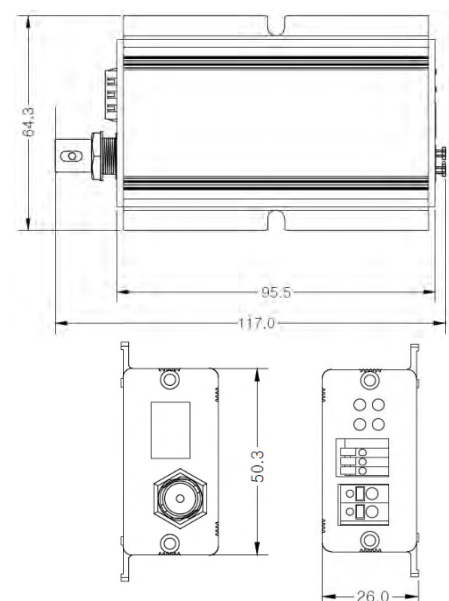
### Features & Specifications

- 1-ch HD-SDI to Optic converter on camera side
- LC type 1-ch Fiber-optic input, BNC 1-ch output
- SMTPE-292M (HD-SDI), Supports C1080p30/1080i60/720p60
- Up to 20Km video/data (RS485) transmission via single-mode cable
- Power, Video, Data, Optic status LED indicators

### Environmental & Physical

Dimensions	117(W) x 64.3(D) x 26(H) mm
Weight (g)	
Operating Temperature	0°C~50°C / 5%~95%RH
Input Voltage	DC12V
Power Consumption (W)	
Approval	KCC, FCC, CE, RoHS

### Dimensions (Unit: mm)



# Fiber-Optic Receiver



## OPT-RX16-RS485U Fiber-Optic Receiver

### Features & Specifications

- 16ch Optic to HD-SDI converter
- LC type 16ch Fiber-optic input, BNC 16ch output
- Supports SMPTE-292M(HD-SDI) video standard
- Supports 1080p25/30, 1080i50/60, 720p25/30/50/60 resolution
- Up to 20Km video/data(RS485) transmission via single-mode cable
- Power, Video, Data, Optic status LED indicators
- 19" Rack-mount type

### Environmental & Physical

Dimension	483(W) x 342(D) x 44(H) mm
Weight	Approx. 4.5Kg (9.92lbs)
Operating Temperature	0°C~50°C / 5%~95%RH
Input Voltage	DC12V
Power Consumption	Max. 30W
Approval	KC, FCC, CE, RoHS

### Dimension (Unit : mm)

