

## HCS-5300TH/80 Digital Infrared Transceiver



## Features

- Compliant with ISO 22259
- Infrared transmitting carrier frequency conforms to IEC 61603-7, DQPSK digital modulation/demodulation technology
- Transmitting in 1~8 MHz frequency band, eliminating the interference from HF-driven lights
- Tripod, wall or ceiling mounting, easy to install
- Inside the coverage area of infrared signals, also HCS-5100R /F digital infrared receivers can be in operation simultaneously to receive (1+7 CHs) simultaneous interpretation

HCS-5300TH/80 digital infrared transceiver manages communication between main unit and conference units. It can be mounted onto the ceiling and wall for optional coverage or fixed onto a tripod at any appropriate spot.

## Indicators

- Power indicating light

## Interconnections

- Equipped with a 2.0 m specific cable with 6P-DIN male plug. For extension purposes, 6P-DIN extension cable can be used.

## Technical Specifications

## Electrical

Wavelength.....	870 nm
Modulation method.....	DQPSK
Carrier frequency.....	1~8 MHz
Voltage.....	33 V DC (supplied from HCS-5300M)
Current consumption.....	Max. 380 mA
Connector.....	6P-DIN
Cable.....	2.0 m specific cable with 6P-DIN male plug

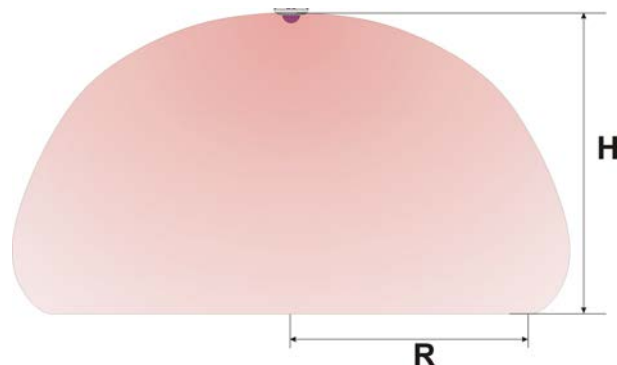
## Mechanical

Mounting..... Ceiling, wall or tripod mounting  
Dimensions..... Ø 160 mm, 65 mm (height)  
Weight..... 0.6 kg  
Color..... Silver ( PANTONE Cool Gray 6 C ) /  
Charcoal gray (PANTONE 426 C) /  
White (PANTONE Cool Gray 1 C)

## Ordering Information

HCS-5300TH_S/80.....	Digital Infrared Transceiver (ceiling, wall or tripod-mounted, ceiling height higher than 6 m, powered from HCS-5300M or adapter, excl. tripod when ordered, silver)
HCS-5300TH_G/80.....	Digital Infrared Transceiver (ceiling, wall or tripod-mounted, ceiling height higher than 6 m, powered from HCS-5300M or adapter, excl. tripod when ordered, charcoal gray)
HCS-5300TH_W/80.....	Digital Infrared Transceiver (ceiling, wall or tripod-mounted, ceiling height higher than 6 m, powered from HCS-5300M or adapter, excl. tripod when ordered, white)

### Cutaway view of coverage area of HCS-5300TH/80 Digital Infrared Transceiver



### Coverage area of HCS-5300TH/80 Digital Infrared Transceiver

Type No.	Mounting height (H)	Coverage area radius (R)
HCS-5300TH_S/80	6 m	9 m
HCS-5300TH_G/80	9 m	11 m
HCS-5300TH_W/80	12 m	9 m