

HCS-5300TH/80 Digital Infrared Transceiver



Features

- Compliant with IEC 60914
- 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/RA/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

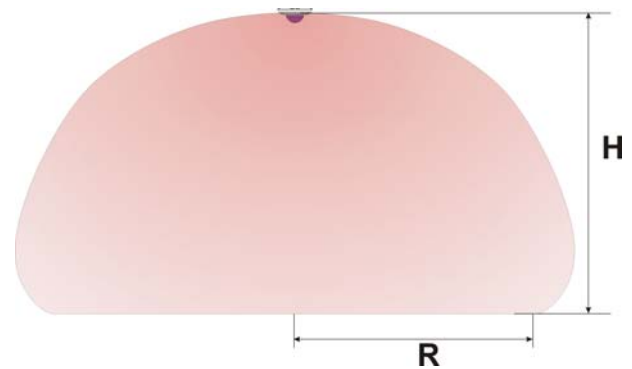
Mechanical

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