

HCS-5300TD/80 Digital Infrared Transceiver



Ceiling-mounting



Wall-mounting



Tripod-mounting

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-5300TD/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. 410 mA
 Connector..... 6P-DIN
 Cable..... 2.0 m specific cable with 6P-DIN male plug

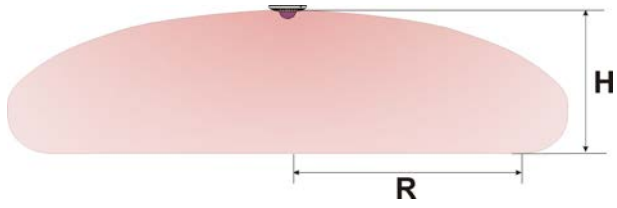
Mechanical

Mounting..... Ceiling, wall or tripod mounting
 Dimensions..... Ø 181 mm, 63 mm (height)
 Weight..... 0.5 kg
 Color..... Silver (PANTONE Cool Gray 6 C) /
 Charcoal gray (PANTONE 426 C) /
 White (PANTONE Cool Gray 1 C)

Ordering Information

- HCS-5300TD_S/80..... Digital Infrared Transceiver (ceiling, wall or tripod-mounted, ceiling height less than 6 m, excl. tripod when ordered, silver)
- HCS-5300TD_G/80..... Digital Infrared Transceiver (ceiling, wall or tripod-mounted, ceiling height less than 6 m, excl. tripod when ordered, charcoal gray)
- HCS-5300TD_W/80..... Digital Infrared Transceiver (ceiling, wall or tripod-mounted, ceiling height less than 6 m, excl. tripod when ordered, white)

**Cutaway view of coverage area of HCS-5300TD/80
Digital Infrared Transceiver**



**Coverage area of HCS-5300TD/80 Digital Infrared
Transceiver**

Type No.	Mounting	Coverage area
HCS-5300TD_S/80	2.5 ~ 3.0 m	13 m
HCS-5300TD_G/80	3.5 ~ 4.5 m	11 m
HCS-5300TD_W/80	5.0 ~ 7.0 m	9 m

HCS-5300TDS/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
- Suspension 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
- Optional suspension length: 0.5 m, 1.0 m or 2.0 m

HCS-5300TDS/80 digital infrared transceiver manages communication between main unit and conference units. It can be suspension mounted onto the ceiling at appropriate height.

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. 410 mA
 Connector.....6P-DIN
 Cable.....2.0 m specific cable with 6P-DIN male plug

Mechanical

Mounting.....Suspension mounting
 Dimensions.....Ø 201 mm, 100 mm (height)
 Weight.....0.6 kg
 Color.....Silver (PANTONE Cool Gray 6C)

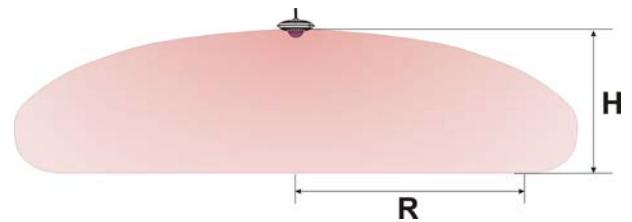
Ordering Information

HCS-5300TDS/80.....Digital Infrared Transceiver (suspension mounting, silver)

Optional suspension

HCS-5300TDP-05.....Mounting Suspension of Digital Infrared Transceiver (0.5 m)
 HCS-5300TDP-10.....Mounting Suspension of Digital Infrared Transceiver (1.0 m)
 HCS-5300TDP-20.....Mounting Suspension of Digital Infrared Transceiver (2.0 m)

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



Coverage area of HCS-5300TDS/80 Digital Infrared Transceiver

Type No.	Mounting height (H)	Coverage area radius (R)
HCS-5300TDS/80	2.5 ~ 3.0 m	13 m
	3.5 ~ 4.5 m	11 m
	5.0 ~ 7.0 m	9 m

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

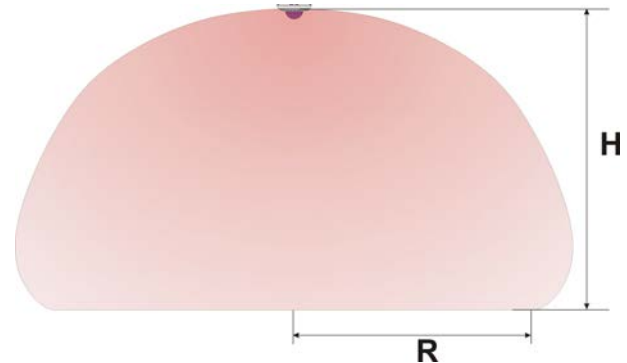
Mechanical

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

HCS-5300TWN/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
- The intensity of the infrared emitters on the width and depth can be stepped through two dip switches
- Wall or tripod-mounted, 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-5300TWN/80 digital infrared transceiver manages communication between main unit and conference units. It can be mounted onto the wall at appropriate height.

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
 Current consumption.....Max. 650 mA (powered from main unit)
Max. 800 mA (powered from adapter)
 Connector.....6P-DIN
 Cable.....2.0 m specific cable with 6P-DIN male plug

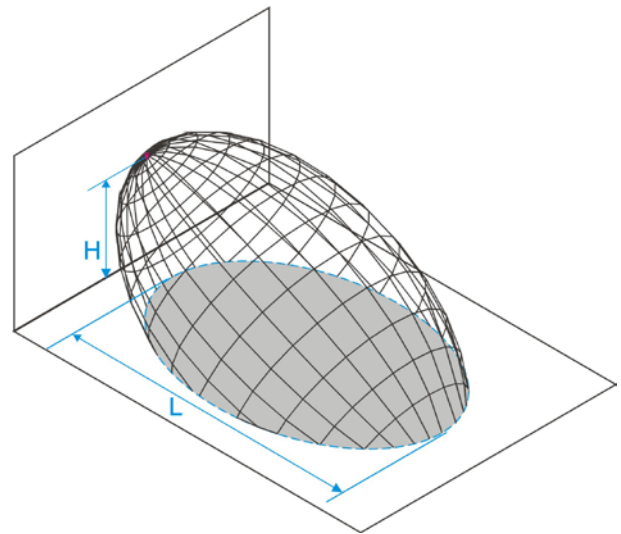
Mechanical

Mounting.....Wall or tripod mounting
 Dimensions(w×h×d).....114 x 323 x 34 mm
 Weight.....0.9 kg
 Color.....Black (PANTONE 419)

Ordering Information

HCS-5300TWN_B/80.....Digital Infrared Transceiver
 (wall or tripod-mounted,
 powered from HCS-5300M
 or adapter, black)

Footprint of HCS-5300TWN/80 digital infrared transceiver



Coverage area of HCS-5300TWN/80 Digital Infrared Transceiver

Type No.	Mounting height (H)	Coverage area Length (L)
HCS-5300TWN/80	under 5 m	15 m