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

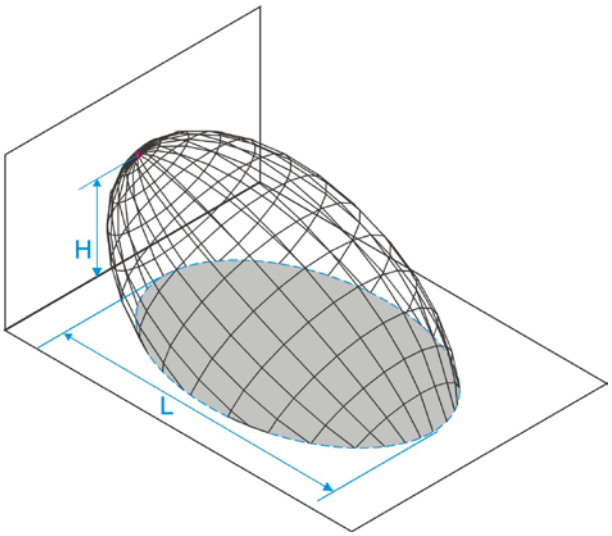
Mechanical

Mounting	Wall or tripod mounting
Dimensions(h×w×d)	114 × 323 × 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

* Note: The above coverage area is the scenario of a single transceiver connected to the system. Please install according to the venue and the environment. The suggested interval distance between the transceivers is 6～10 meters.