sisindokom

PT. Sisindokom Lintasbuana

Graha Sisindokom • Jl. Panataran No.2, Pegangsaan •
Jakarta Pusat 10320
Phone: (+62-21) 31900687 (hunting) • Fax: (+62-21)
31900720, 31900722
http://www.sisindokom.com

CISCO
Gold
Partner

LENZING
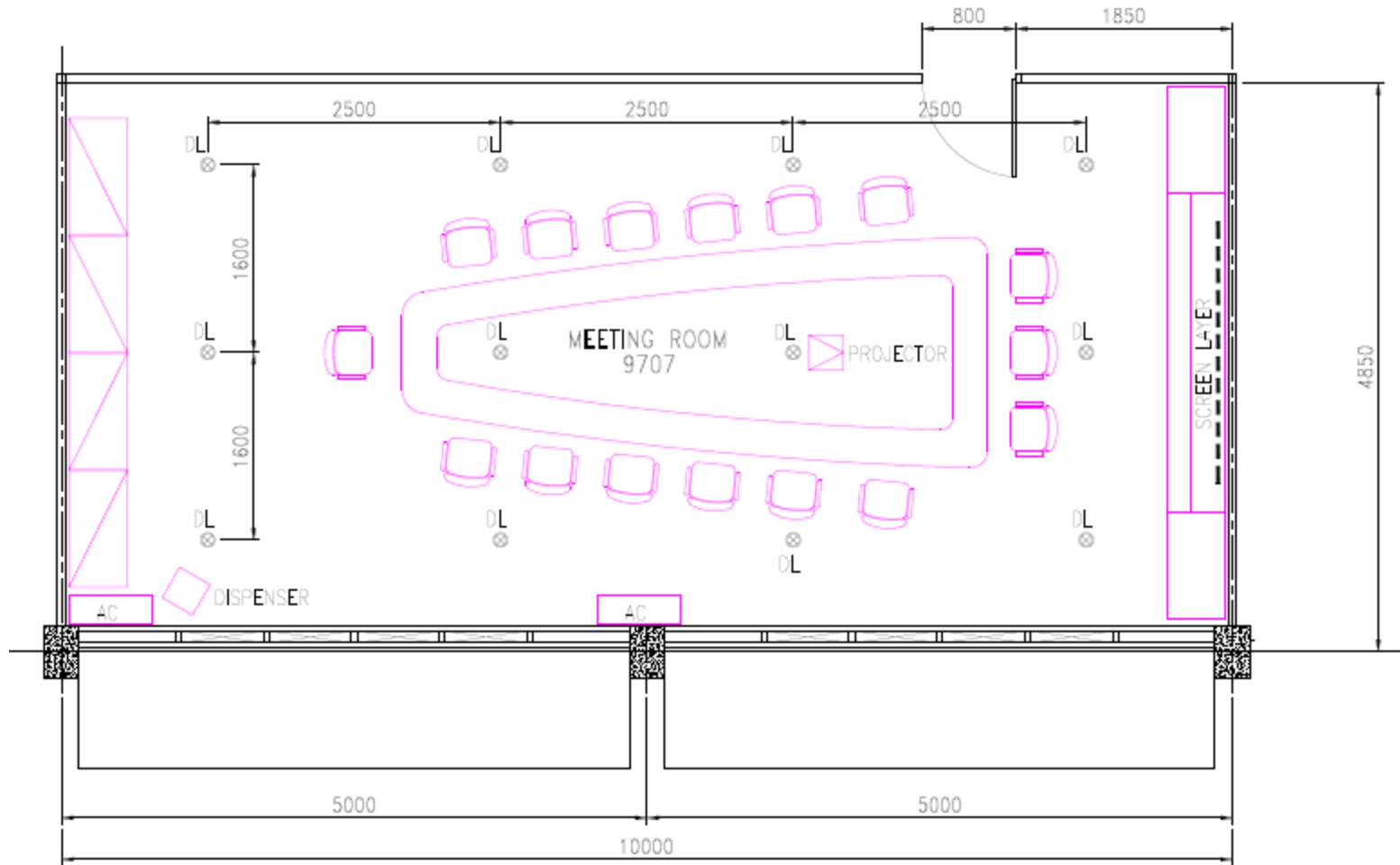LEADING FIBER INNOVATION

DELIVERING VALUE
THROUGH PARTNERSHIP

GRAHA SISINDOKOM

South Pacific Viscose (SPV)

Purwakarta

Video Conference Design 2.0

CISCO
160916

Latar Belakang

1. Pengadaan Videoconference dengan layout ruangan Meeting Room 4M Floor (10 m x 5 m x 4m)

2. Diharapkan bisa diperoleh videoconference system dengan kualitas audio, video dan tata ruang yang ideal.

Layout Meeting Room 4M Floor

Guideline for Microphone
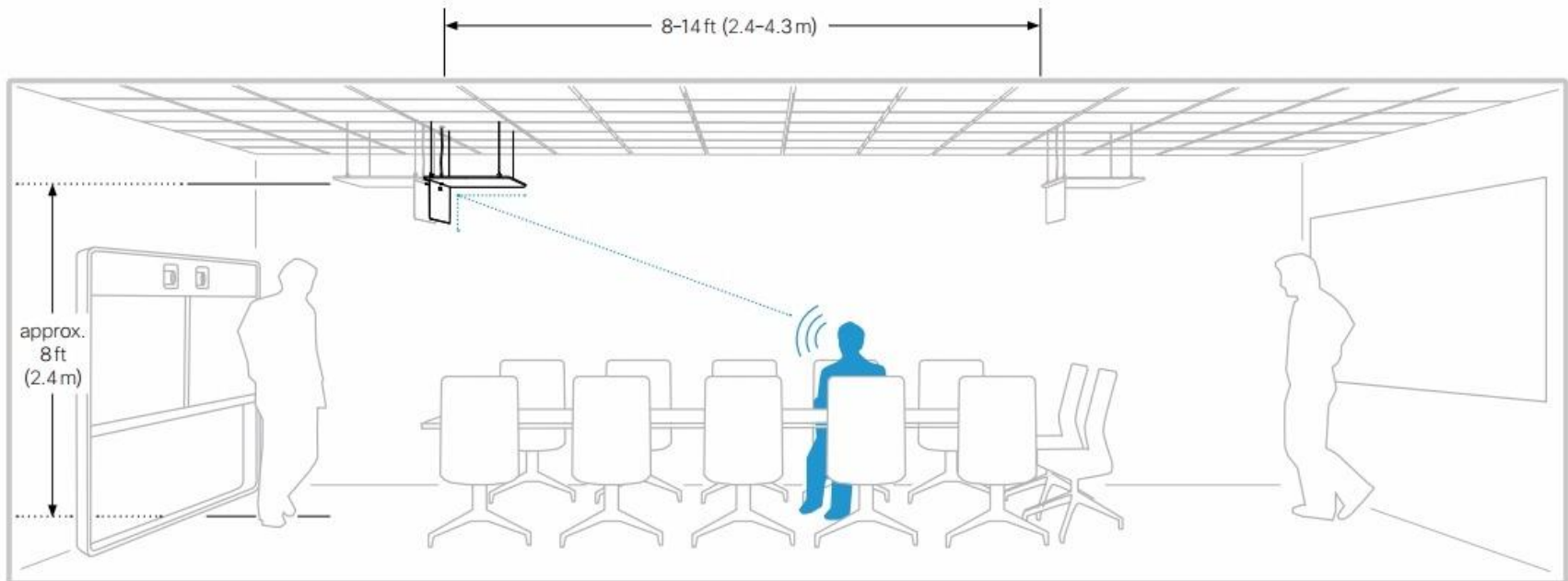

⚠ Fragile. Handle the ceiling microphone with care.

Read *Additional information* on the previous page, before installing.
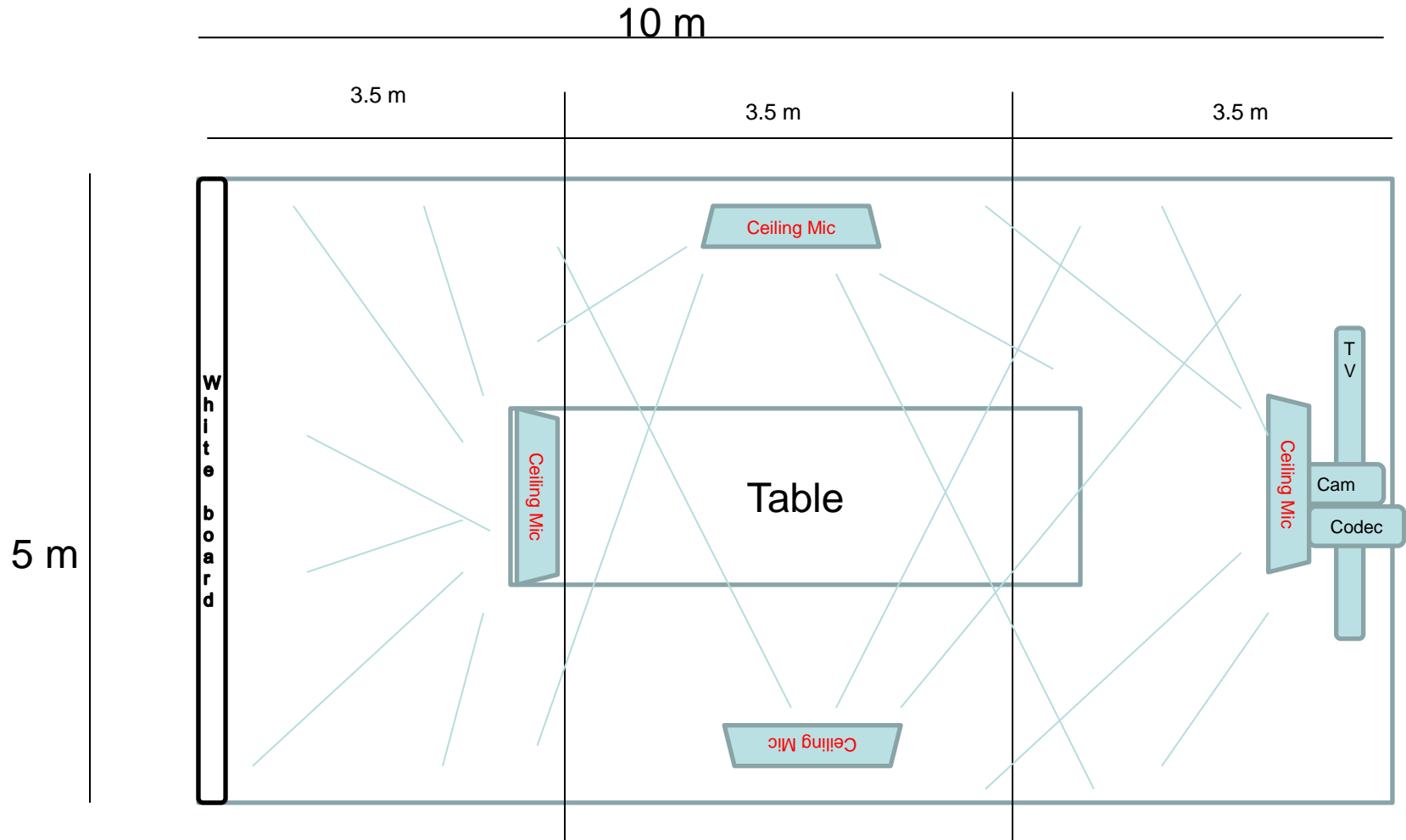
Microphone

Height: 10.6 in. (270 mm)
Width: 29.5 in. (750 mm)
Depth: 21.7 in. (550 mm)
Weight: 3.97 lb (1.8 kg)

Ceiling mounting points

Width: 23.6 in. (600 mm)
Depth: 17.3 in. (440 mm)

8–14 ft (2.4–4.3 m)

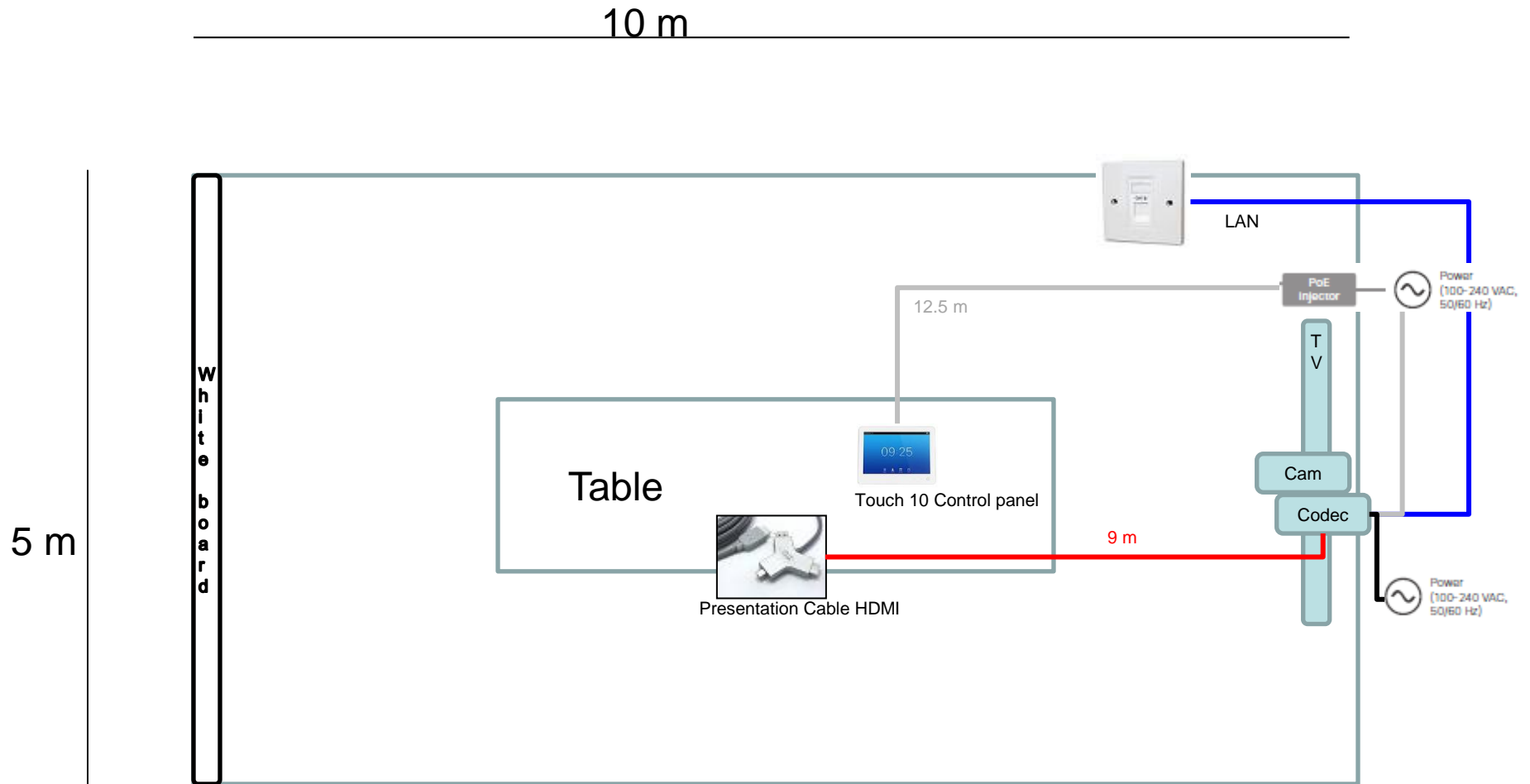approx. 8 ft (2.4 m)

Ceiling Microphone position and Coverage area

10 m

3.5 m   3.5 m   3.5 m

5 m

White board

Ceiling Mic

Ceiling Mic

Table

Ceiling Mic

Ceiling Mic

TV

Cam

Codec

Requirement :
- Man power installation Ceiling mic

Presentation Cable and Touch 10 panel

10 m

5 m

White board

Table

LAN

Power
(100-240 VAC,
50/60 Hz)

PoE
Injector

12.5 m

T
V

09.25

Touch 10 Control panel

Cam

Codec

9 m

Presentation Cable HDMI

Power
(100-240 VAC,
50/60 Hz)

Requirement :
- LAN ethernet x1
- Power Outlet x2
- Install Touch 10 and Presentation cable to table

Propose : SX80 codec

Cisco offers three SX80 Integrator Packages to reduce the need for external equipment and the overall cost of enabling video in larger meeting rooms:

- SX80 Codec and PrecisionHD 1080p 4x camera for smaller room scenarios
- SX80 Codec and Precision 60 Camera for larger room scenarios with the best image quality in the market
- SX80 and the SpeakerTrack 60 dual camera system

- Optimal definition up to 1080p60
- H.323/SIP up to 10 Mbps point-to-point
- Up to 10 Mbps total MultiSite bandwidth
- Ability to connect up to four HD sources and 8 microphones directly to the codec
- Full duplex audio with high-quality stereo sound

Option 1 : Cisco SX80 Codec, Precision 60 Camera, and Touch 10

Resolution : 1920 x 1080 at 60 fps

Zoom :

- 10x optical zoom
- 2x digital zoom
- 20x total zoom

Option 2 : Cisco SX80 Codec, SpeakerTrack60 Microphone Array, and Touch 10

- Fast, direct switching between active speakers delivers a continuous meeting experience.
- Multispeaker view prevents unnecessary switching when the next active speaker is already in the current shot.
- Automatic framing of all participants provides an ideal, dynamic overview of the full room.
- Sleek industrial design and wall-mount option enables discreet room set-up.
- Simple user interaction provides a consistent experience with the rest of the Cisco TelePresence products.
- True 1080p60 HD resolution delivers rich, vivid image quality002E.

Resolution : 1920 x 1080 at 60 fps
Zoom :
- 10x optical zoom
- 2x digital zoom
- 20x total zoom

SX80 connector

Connect to LAN, microphones, loudspeakers, Touch 10, cameras and displays

Make sure all units are switched off when connecting or disconnecting cables.

1 LAN (RJ-45)

Always use the 1st Ethernet port for LAN.

2 Microphones, max 8 (Euroblock, 3.5 mm)

If your microphone cable has 3 pins, use +, − and ground (⏚) and leave the mute pin unused.

3 Loudspeakers, mono or stereo (Euroblock, 3.5 mm)

Use speakers with amplifiers. The speaker/amplifier should have balanced input to avoid ground loop noise.

4 × programmable GPIO pins (Euroblock, 3.5 mm)

2 × stereo audio line in, e.g. from PC (Euroblock, 3.5 mm)

2 × stereo audio line out, e.g. to recorder (Euroblock, 3.5 mm)

Serial port (D-SUB 9)

Ground (Protective earth)

2 × USB

10 Gb Ethernet

Video input, e.g. from PC (DVI-I)

Analog video input: Composite, Y; S-video, Y and C (BNC)

Camera control for the Precision 40 (PrecisionHD 1080p 4xS2) camera (D-SUB 9)

Power

SWITCH
PoE Injector
AP

Power (100-240 VAC, 50/60 Hz)

To camera control

4 Touch 10 control panel (RJ-45)

Insert the provided PoE injector between Touch 10 and the codec's 2nd or 3rd Ethernet port.

5 Cameras, max 3 (HDMI)

How to connect cameras are described overleaf. Note that different cameras use different ports for camera control.

6 Displays, max 3 (2 HDMI, 1 DVI-I)