

BTS SERVICES INFORMATIQUES AUX ORGANISATIONS
Sous-épreuve E12- Expression et communication en langue anglaise
Session 2023

Coefficient 1

Durée maximale de l'épreuve : 20 minutes

Préparation : 20 minutes

Déroulement de l'épreuve :

- 1) Expression orale en continu (5 minutes maximum)

Présentation en anglais de l'analyse du dossier et de la situation en lien avec le secteur professionnel

- 2) Expression orale en interaction (15 minutes maximum)

Échange en anglais avec l'examinateur à partir de l'analyse du dossier et des réponses apportées au questionnaire accompagnant la mise en situation

L'usage d'un dictionnaire n'est pas autorisé.

Composition du dossier du candidat

Document A	Infographie : TP-Link smart bulbs
Document B	Texte : Taiwan Launches \$1.5M Smart City Infrastructure Project
Document C	Vidéo : A Day in the Life of a Smart Space (1'26)
Mise en situation et questionnaire	

Ce sujet comporte 4 pages. Il est conseillé au candidat de vérifier que le sujet est complet.

DOSSIER DU CANDIDAT : SMART SPACES

Document A



TP-LINK®
User's Manual
LB1XX Series



Smart Wi-Fi LED Bulbs

1910011878 REV 1.0.0

User's Manual

Smart Wi-Fi LED Bulbs

Smart Wi-Fi LED Bulb Installation

- 1 Download **TP-LINK Kasa** from App Store or Google Play.



- 2 Connect mobile device to your **2.4GHz Wi-Fi** network.



Note: The Smart Wi-Fi LED Bulbs only supports 2.4GHz networks.

- 3 Launch **Kasa** and follow the in-app instructions to connect the Smart Wi-Fi LED Bulb to your Wi-Fi network.

Document B

Taiwan Launches \$1.5M Smart City Infrastructure Project

AI and sensor tech company Iveda is rolling out its smart city technologies in Kaohsiung, Taiwan, harnessing AI analytics, sensor arrays and video surveillance to boost connectivity and improve services.

Under the \$1.5 million project, Iveda will bring its suite of smart city technologies, including the IvedaSPS (smart power system), and IvedaPinpoint (location-based trackers and smart sensors), in a centralized platform dubbed Utilus. This platform is integrated into existing city infrastructure, specifically light poles, for ease of deployment.

“All modern cities in the world have light poles with power,” the company says. “Iveda simply taps into the existing power and equips it with Utilus. Utilus consists of a smart power management and wireless mesh communications network with Wi-Fi, 4G and 5G small cell capabilities and other wireless protocols as required.”

Once established, the Utilus “smart poles” can communicate with each other to create a holistic network where city officials can monitor and manage local devices, such as water meters, valves and circuit breakers in real time. It also acts as a microgrid, providing power to mission-critical infrastructure when required.

According to Iveda, Utilus can help cities such as Kaohsiung meet a range of daily challenges from EV charging to traffic management and potential hazards to residents.

“Integrating smart street poles with multiple functional benefits will open doors for safer and sustainable modern development and construction of our cities and communities. As the supplier of Utilus, Iveda is enabling Kaohsiung to be at the forefront of true smart city innovation, they will be a showcase both nationally and globally.”

Scarlett Evans, iotworldtoday.com, January 13, 2023

Document C

Vidéo : A Day in the Life of a Smart Space (1'26)

Cisco Meraki, April 21, 2022

MISE EN SITUATION

The company you work for wants to become “smart”. Your manager asks you for advice.

QUESTIONNEMENT

What are smart technologies?

What are their advantages?

What are their drawbacks?