

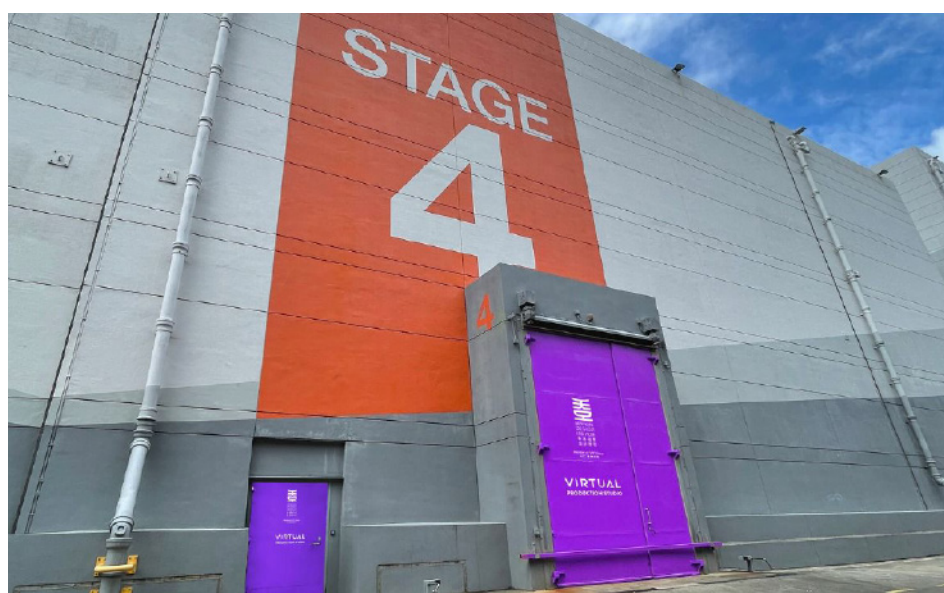
新成立HKDI虛擬製作錄影廠 成虛擬製作主要基地

Launch of HKDI Virtual Production Studio as primary base for virtual production



VTC機構成員香港知專設計學院 (HKDI)，作為培育設計人才的搖籃，一直致力提供優質教育，緊貼業界頂尖技術發展，為創意工業培育優秀人才，協助提升本港作為國際城市的競爭力。今年3月，HKDI位於邵氏影城內的虛擬製作錄影廠開幕，成為HKDI銳意發展和試驗多種虛擬製作的主要基地。

錄影廠佔地達9,000平方呎，除設有控制室、工作間、化妝間等基本設施，亦配備最先進的虛擬製作設備，包括獲業界廣泛應用的ARRI攝影及燈光系統；像素間距細緻達1.68毫米的三星 (Samsung) 「The Wall」microLED 屏幕牆，畫質接近終極超高解析度 (8K)；錄影廠內的電腦設備則安裝了領先的Disguise視覺體驗技術平台，其延展實境技術 (XR) 解決方案可於伺服器上運行3D 軟件，統合整個虛擬製作解決方案。錄影廠為學生和業界提供國際級專業虛擬製作技術的教學及拍攝場地，提升本地虛擬製作水平。



HKDI虛擬製作錄影廠位於邵氏影城內，佔地達9,000平方呎。
The HKDI Virtual Production Studio is located within Shaw Studios and covers an area of 9,000 square feet.

虛擬製作錄影廠 讓學生盡情發揮創意

HKDI虛擬製作錄影廠的落成，為學生帶來更豐富的拍攝體驗。HKDI數碼媒體學系高級講師李智健先生指出：「虛擬製作錄影廠把虛擬和現實世界無縫結合，將為過往教學和學習模式帶來新突破，讓我們能為學生創造更引人入勝、創新的學習體驗，提升他們的專注及理解能力。」修讀HKDI藝術科技高級文憑的何芷瑤同學表示：「透過虛擬場景，我們可以自行調節拍攝所需要的時間和天氣，增加了拍攝的靈活性。」

HKDI虛擬製作錄影廠不僅會成為學生的學習及實戰場地，更是學院與本地與國際同業的交流平台。在HKDI的「電影製作支援計劃」下，學院會與業界開展多方合作，共同協商，由HKDI提供場地、技術及器材等支援，透過 HKDI 師生的參與，攜手實踐虛擬製作的影視項目。第一階段有兩位現職電影工作者的HKDI畢業生參與這個計劃，讓同學擁有更多實戰的機會，進一步結合理論與實踐。



深水埗街道虛擬實景由一群HKDI同學耗時六個月製作，配合現場的擺設及道具，像真度極高。

The virtual street scene of Sham Shui Po, created by a group of HKDI students over a six-month period, is highly realistic, with meticulous attention to the on-site settings and props.

HKDI, a member institution of VTC and a cradle for nurturing design talent, is committed to providing quality education which aligns closely with the industry's cutting-edge technological development. It strives to cultivate talent for the creative industry, enhancing Hong Kong's competitiveness as an international city. This March, the HKDI Virtual Production Studio, located within Shaw Studios, was inaugurated, becoming a key base for HKDI's ambitious development and experimentation in various forms of virtual production.

The studio, spanning 9,000 square feet, in addition to essential facilities like control rooms, workspaces, and dressing rooms, the studio is equipped with cutting-edge virtual production equipment. This includes the widely-used ARRI cinematography and lighting systems, Samsung's "The Wall" microLED screen wall with a pixel pitch as fine as 1.68 millimeters, delivering near-ultimate ultra-high resolution (8K) visuals. The studio's computer equipment is installed with the leading Disguise visual experience technology platform, enabling the integration of the entire virtual production workflow through the extended reality (XR) solution running 3D software on servers. The studio provides a teaching and shooting space with internationally renowned virtual production technology for students and professionals, elevating the local virtual production standards.



通過提供延展實境 (XR) 技術，拍攝影像的涵蓋範圍得以擴大延展，拍攝出沉浸式的虛擬世界。

With the extended reality (XR) technology, extended virtual set beyond the LED screen can be created, resulting in a fully immersive virtual environment.

Virtual Studio allows students to unleash their creativity in full

The establishment of the virtual production studio has brought a unique filming experience to students. Ken Lee, HKDI Senior Lecturer of the Department of Digital Media said: "It is revolutionising the way of teaching and learning through the seamless integration of virtual and physical worlds at our HKDI Virtual Production Studio. It enables us to create engaging and dynamic educational experiences that captivate students' attention and enhance their understanding." While Wallis Ho, HKDI student in Higher Diploma in Arts Technology said: "With virtual scenes, we can adjust the time and weather we want to shoot, increasing the flexibility of shooting."

The HKDI Virtual Production Studio not only serves as a learning and practical venue for students but also as a platform for academia and industry exchange locally and abroad. Through HKDI's "Film Production Support Scheme", the institute collaborates with the industry, engaging in discussions and providing support in terms of venue, technology, and equipment. With the participation of HKDI faculty and students, the programme facilitates the hands-on realisation of virtual production film projects. In the first phase, two HKDI graduates who are currently working in the film industry are participating in this programme, providing students with more opportunities for practical experience and further integration of theory and practice.