

新成立HKDI虚拟制作录影厂 成虚拟制作主要基地

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

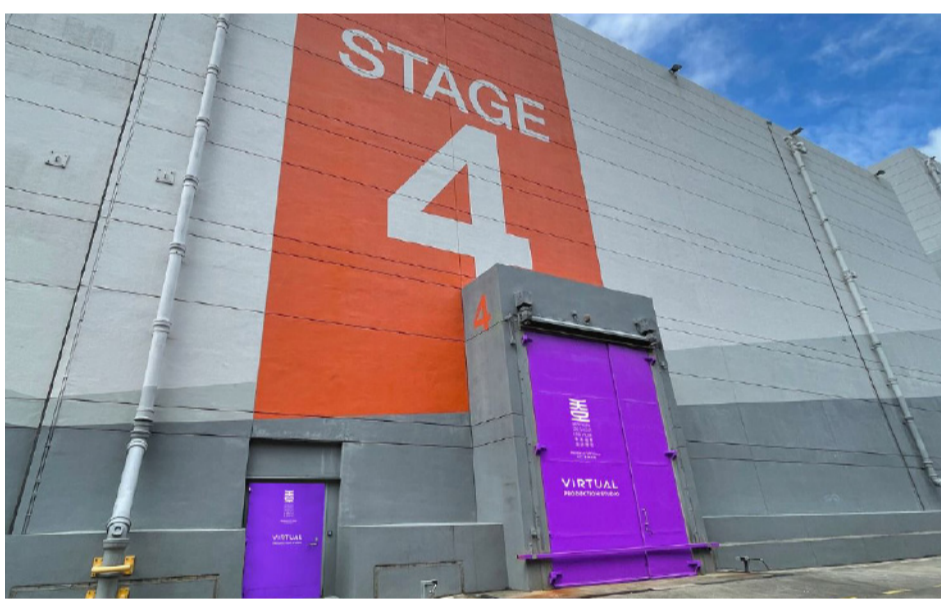


VTC机构成员香港知专设计学院 (HKDI)，作为培育设计人才的摇篮，一直致力提供优质教育，紧贴业界顶尖技术发展，为创意工业培育优秀人才，协助提升本港作为国际城市的竞争力。今年3月，HKDI位於邵氏影城内的虚拟制作录影厂开幕，成为HKDI锐意发展和试验多种虚拟制作的主要基地。

录影厂占地达9,000平方呎，除设有控制室、工作间、化妆间等基本设施，亦配备最先进的虚拟制作设备，包括获业界广泛应用的ARRI摄影及灯光系统；像素间距细致达1.68毫米的三星 (Samsung) 「TheWall」microLED屏幕墙，画质接近终极超高解析度 (8K)；录影厂内的电脑设备则安装了领先的Disguise视觉体验技术平台，其延展实境技术 (XR) 解决方案可於伺服器上运行3D软件，统合整个虚拟制作解决方案。录影厂为学生和业界提供国际级专业虚拟制作技术的教学及拍摄场地，提升本地虚拟制作水平。

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.



HKDI虚拟制作录影厂位於邵氏影城內，占地達9,000平方呎。
The HKDI Virtual Production Studio is located within Shaw Studios and covers an area of 9,000 square feet.

虚拟制作录影厂 让学生尽情发挥创意

HKDI虚拟制作录影厂的落成，为学生带来更丰富的拍摄体验。HKDI数码媒体学系高级讲师李智健先生指出：「虚拟制作录影厂把虚拟和现实世界无缝结合，将为过往教学和学习模式带来新突破，让我们能为学生创造更引人入胜、创新的学习体验，提升他们的专注及理解能力。」修读HKDI艺术科技高级文凭的何芷瑶同学表示：「透过虚拟场景，我们可以自行调节拍摄所需要的时间和天气，增加了拍摄的灵活性。」

HKDI虚拟制作录影厂不仅会成为学生的学习及实战场地，更是学院与本地与国际同业的交流平台。在HKDI的「电影制作支援计划」下，学院会与业界开展多方合作，共同协商，由HKDI提供场地、技术及器材等支援，透过HKDI师生的参与，携手实践虚拟制作的影视项目。第一阶段有两位现职电影工作者的HKDI毕业生参与这个计划，让同学拥有更多实战的机会，进一步结合理论与实践。



通过提供延展实境 (XR) 技术，拍摄影像的涵盖范围得以扩大延展，拍摄出沉浸式的虚拟世界。

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.



深水埗街道虚拟实景由一群HKDI同学耗时六个月制作，配合现场的摆设及道具，像真度极高。

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.