

## VE1843A

VE1843A True 4K HDMI / USB HDBaseT3.0 Transceiver with PoH (True 4K@100 m) (HDBaseT 3.0)



The VE1843A True 4K HDMI / USB HDBaseT3.0 Transceiver with PoH integrates the functions of a transmitter and a receiver into one unit. This combination allows users to easily configure the unit to be a transmitter or receiver depending on their AV solution, and to enjoy more flexible deployment and effective use with video matrix switches, video splitters, etc.

Designed with HDBaseT 3.0 technology, the VE1843A not only extends True 4K uncompressed signals up to 100 m over a single Cat 6a cable with zero latency, but also transmits IR, RS-232, Ethernet, independent audio, and USB signals with the latest HDBaseT standards. For stable HDMI signal transmission, the VE1843A ensures high-quality visuals and reliable extension by supporting HDCP 2.3, 3D, Deep Color, HDR, HDR 10+, and Dolby Vision. The VE1843A features automatic bi-directional PoH detection with power redundancy, ensuring continuous operation for critical missions.

Equipped with HDMI audio embedding/de-embedding functions, the VE1843A enabling users to flexibly adapt suitable audio/video combinations based on different environments. To ensure non-stop operations, the fanless fin heat sink design prevents overheating and thus elevates its reliability.

Empowered by the above benefits, the VE1843A increases the potential of AV applications while also streamlining complex installations making it an ideal solution for conference halls, auditoriums, lecture halls, museums, exhibition rooms, and anywhere else that requires high-quality transmission and easy-to-use application.



IR Channel



POH



USB 2.0  
Peripherals



HDCP 2.3



Audio Embed/  
De-Embed

RS-232  
Channel



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