

Release Notes History

Product Name: KRT-3-H

Current Version:

Ver.Type	Ver No.	Date
Firmware		
Software	–	–
Web	–	–
Hardware	–	–

Technical Note Date: January 2019

Maximum Cable Lengths for Achieving 4K60 4:2:0 with KRT-H

KRT-3-H is a high-speed HDMI™ with Ethernet cable retractor that can pass signals up to 4K@60Hz (4:2:0) resolution when used with Kramer high-quality cables. To ensure 4K@60Hz (4:2:0) resolution when using KRT-3-H, we tested a selection of Kramer HDMI cables to discover the maximum length for each cable model. Please see the recommended list below.



The cables presented below were tested with the Kramer 860 signal generator & cable tester. Results from your installation may vary according to the video source signal intensity and display specifications.



We recommend using Kramer **PT-3H2** HDMI extender to extend the 4K HDMI signal, in case you require a longer distance than the recommended cables or in case you find that the video image is unstable.



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All lengths up the maximum length of the following Kramer cable models enable achieving 4K@60Hz (4:2:0) resolution.



As noted in the table below, the CA-HM cable at 82ft needs an external power source (via micro-USB) to achieve the maximum resolution. All shorter lengths in this cable model achieve the maximum resolution without using a power source.

Cable Model	Maximum Length (ft)
C-HM/HM/PRO	35
C-MHM/MHM	25
C-MH/HM/FLAT/ETH	35
C-MH/HM/ETH	25
C-HM/HM	15
CA-HM	82 with external power source via micro-USB
CA-HM	66
CLS-AOCH	328
CP-AOCH	328
CLS-AOCH/XL	328
CP-AOCH/XL	328
CRS-AOCH/XL	328
CLS-AOCH/60	328
CP-AOCH/60	328
CRS-AOCH/CLR/60	328

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