

Studio-Camera, CCU, and Multi-Core Cable Matching Guide

The following tables list the maximum cable lengths that can be used for various Camera-CCU combinations. The maximum cable length between the camera and CCU is limited by the combined total power consumption of the camera head, lens and viewfinder used. The power requirements of some combinations exceed the capacity of the CCU's power supply and are not permissible.

Notes: 1) Some combinations require to change the position of switches listed below in the camera and/or CCU.

2) It is possible to use longer cable lengths than specified below by powering the camera locally with a battery or external power supply (4-pin XLR) such as the AA-P250.

Maximum cable length (feet/meters) for RM-P200, RM-P210, RM-P300					
Camera	Viewfinder	RM-P200U	RM-P210U	RM-P300U	REMARKS
KY-19	VF-P400U	305' (100m)	305' (100m)	914' (300m)	
	VF-P550BU	305' (100m)	305' (100m)	914' (300m)	
KY-D29U	VF-P400U	305' (100m)	305' (100m)	762' (250m)	#1
	VF-P550BU	Not Possible	Not Possible	762' (250m)	#2
KY-D29WU	VF-P116WU	305' (100m)	305' (100m)	762' (250m)	#3
	VF-P550WU	Not Possible	Not Possible	762' (250m)	
GY-DV550U	VF-P400U	305' (100m)	305' (100m)	610' (200m)	#4, #5

*Stand-alone camera is OK.. Iso-cam is not possible when powered by RM-P200, but OK with local supply.

Remark #1: Internal Switch Settings (KY-D29U+RM-P300+VF-400U)					
MODEL	SWITCH	Default	60'~610'	610'~762'	
KY-D29U	S12-5 on CP board	ON	ON	ON	
RM-P300U	S801 on RM board	OFF	OFF	ON	

Remark #2: Internal Switch Settings (KY-D29U+RM-P300+VF-P550BU)					
MODEL	SWITCH	Default	60'~305'	305'~610'	610'~762'
KY-D29U	S12-5 on CP board	ON	ON	ON	OFF
RM-P300U	S801 on RM board	OFF	OFF	ON	ON

Remark #3: Internal Switch Settings (KY-D29WU+RM-P300+VF-P116WU or VF-P550WU)					
MODEL	SWITCH	Default	60'~305'	305'~458'	458'~762'
KY-D29WU	S1-5 on CP board	ON	ON	ON	OFF
RM-P300U	S801 on RM board	OFF	OFF	ON	ON

Remark #4: INTERNAL SWITCH SETTINGS (GY-DV550U+RM-P300+VF-400U)					
MODEL	SWITCH	Default	60'~610'		
GY-DV550U	NONE	-	-		
RM-P300U	S801 on RM board	OFF	OFF		

Warning! Setting the RM-P300U's switch S801 ON with cables shorter than 50m could damage the viewfinder.

Remark #5: INTERNAL SWITCH SETTINGS (GY-DV550+RM-P210+Sony CCU cable)					
MODEL	SWITCH	Default	60'~305'		
GY-DV550U	CN83 on CN board	UNPLUGGED	Plug CN77		CONNECTOR
RM-P210U	Dip-SW 35 & 36	OFF	ON		