

Connecting your DT-CAME580 Modular Premium Helmet Cam

Thank you for purchasing the DT-CAME580 Ultra high-resolution helmet camera! Just follow these few easy steps and you will be on your way to capturing action footage in less than 5 minutes!

1) Locate the DataToys DT-CAME580 Ultra Hi-Res Remote Camera Head (**Figure 1**) and the 1 meter patch cable (**Figure 2**).



Figure 1
DT-CAME580 Ultra Hi-Res Remote Camera Head



Figure 2
1 meter patch cable



Figure 3
female connector on left, male connector on right



Figure 3-A
Waterproof connection



Figure 4
DT-CAME580 Ultra Hi-Res Remote Camera Head & 1m cable

2) Mate the female end of the patch cable to the camera's male connector (see **Figure 3**). The connectors will mate if the positioning notches found on each side are lined up properly. Once properly mated, turn the locking nut until it makes a finger-tight connection as in **Figure 3-A**. The Camera and Cable assembly will now look as in **Figure 4**.

NOTE: do not use tools to tighten.

3) Next, locate the Modular AV Harness (**Figure 5**). It looks like a large letter "X" with three ends having waterproof mini-circular connectors, and the fourth end having the battery connector (DC 2.1mm x 5.5mm).

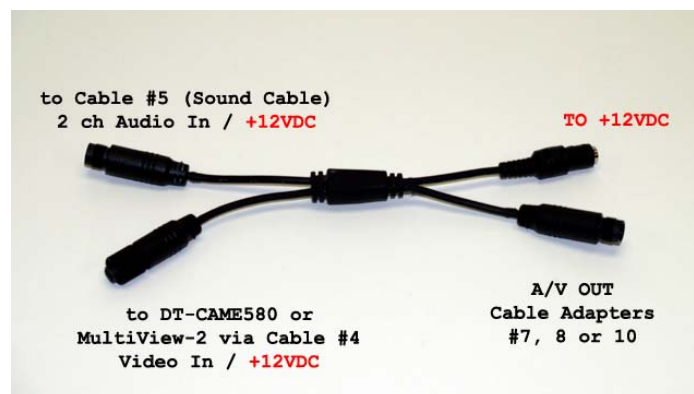


Figure 5
Modular A/V Harness

4) Now locate the “Recording Cable” (see **Figure 6**). Depending on the kit purchased, you will have one of the following cables: 3xRCA Female (Jack), 3.5mm mini AV “gold” plug or a 3.5mm mini AV “silver” plug. The (3) RCA harness is considered universal, whereas the 3.5mm mini AV “gold” plug in **Figure 7** is designed for use with most **Sony** or **Cannon** camcorders. If your 3.5mm mini AV plug is “silver” it means you have a version designed for the **SDVR-800** or **MPVR digital video recorder**.



Figure 6
 Universal Recording Cable
 (3 x RCA-female AV Out Harness)



Figure 7
 Sony ® 3.5mm AV Out Harness (gold mini AV plug)
 MPVR 3.5mm plug is silver.

5) Mate the Recording Cable (**Figure 6**, female connector) to the AV Harness (male) (See **Figures 3-4** above) connector closest to the “DC Power Input” connection (**Figure 5**). Do not worry – there is **NO** way to accidentally connect the AV Out/Recording Cable into the Battery connector. It is physically impossible!

6) Mate the male plug at the end of the Camera & Video Patch Cable (see **Figure 2**) to the female plug on the AV Harness (**Figure 5**, bottom left connector). See **Step 2** for mating instructions. Once properly mated, the Camera & Patch cable connection to the AV Harness will look the same as in **Figure 8**.



Figure 8
 Camera & Video Modular patch cable,
 properly mated to the Modular AV Harness

7) Locate the Modular Microphone cable (**Figure 9**) and mate it with the only remaining mini-circular connector on the Modular AV Harness.



Figure 9
Modular Microphone



Figure 10
Modular Microphone,
properly mated to the
Modular AV Harness

Once properly mated (see **Step 2** for reference), it will look same as **Figure 10**.

8) Connect the Battery Pack to the Power In on the Modular AV Harness and your helmet camera setup should look identical to the one in **Figures 11-12** below. **Congratulations, you are now ready to connect your Modular AV Harness Record Cable to your camcorder, VCR, DVR or PVR.**



Figure 11
Clockwise, from left: 3xRCA recording cable, connection from the Battery Pack, connection from DT-CAME580 helmet camera and DT-MIC1 Modular Microphone.

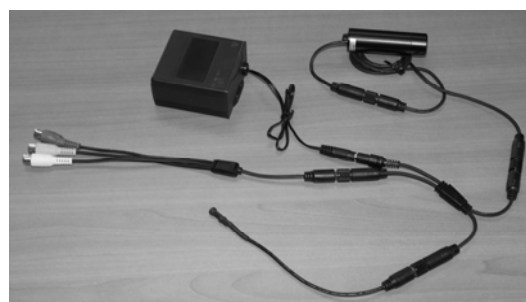


Figure 12
Complete DT-CAME580 Modular Ultra Hi-Res
Helmet Camera Kit w/ RCA recording cable and
Covered 8-AA Battery Pack

In the unlikely event that you should experience difficulties with your DT-CAME580, please contact us via the email form on our web site at <http://www.datatoys.com/emailform.htm> or call 262-375-5180.

OPTIONAL ACCESSORIES



Modular Dual
Microphone Adapter



Dual Microphone Kit:
(1) Dual Microphone
Adapter
(2) DT-MIC1 modular
microphones



Modular Waterproof patch
cables: 1/2/3/4 or 10 meter



SDVR-600 MPEG4 Digital
Video Recorder (DivX)



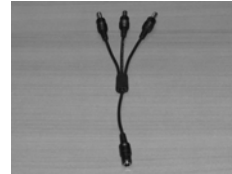
Auto Accessory Plug
Power Adapter, 12VDC,
Regulated



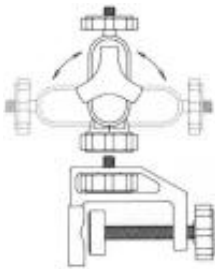
(8) AA Battery Holder



12VDC 3500Mah
rechargeable NIMH
battery pack



CB-3PX1J1
3 Female x 1 Male DC Cable
Adapter



SuperClamp Mount



AutoX Mount