

## Digital Camera Interface [DCI] for DMC



### THE NEW INTERFACE FOR CCNS4 / DMC

IGI's new Digital Camera Interfaces (DCI) provide all functions to operate digital aerial cameras with the well known CCNS4 (Computer Controlled Navigation System) guidance and flight management system for aerial survey flight missions.

Full compatibility with IGI's AEROcontrol system is realized to determine the EO-parameters ( $x/y/z/\phi/\omega/\kappa$ ) of each image.

The CCNS4 is not only able to trigger the camera and handle the feedback signal. It provides the possibility to read out all important status information from the camera.

### KEY FEATURES & BENEFITS

- triggers the camera at pre-planned positions
- observes camera operation and status
- captures the exposure mid-pulse
- all information displayed on CCNS4 monitor
- provides the camera mount with crab information
- start/stop of mount stabilization at beginning/end of each planned flight line
- synchronization of exposure numbers
- gives velocity and height information for image motion compensation
- firmware updates made easily with an integrated CF card slot
- optional: GSM3000 mount interface; leveling of the GSM3000 mount with real/time data from AEROcontrol

## Digital Camera Interface [DCI]



SPECIFICATIONS DCI for DMC			
<b>Dimensions:</b>			
Length	50 mm		
Width	140 mm		
Height	108 mm		
Weight	0.5 kg		
CF card slot	ServiceCard		
Operating temperature	0° C to + 40° C		
Storage temperature	-20° C to +70° C		
Humidity	95% non-condensing		
<b>Standard cables:</b>			
CCNS4	4 m		
DMC	2 m		
T-AS	2 m		
<b>Camera mount options:</b>			
	<b>T-AS</b>	<b>PAV30</b>	<b>GSM3000</b>
Leveling option			X
Drift correction	X	X	X
Gimbal encoder	X	X	X
Stabilization control	X	X	X