

## Dynacom WQU1-640M UAV Thermal Modules



less than 120gram Miniature:  
a little bit larger than normal SD card 640\*480, 50Hz,  
25mm lens Fully radiometric temperature measurement

Model No.	WQU1-640M
<b>IMAGING PERFORMANCE</b>	
Thermal sensitivity	0.03°C at 30°C
Digital image enhance	Normal, Image
Frequency	50 Hz
Focus	Manual
Electronic zoom function	1x , 4x
Detector type	Focal Plane Array (FPA),640×480 pixels
Spectral range	7-14μm
Field of view	25°×18.7°
Spatial resolution	0.68 mrad
<b>IMAGE PRESENTATION</b>	
Composite video	Rs170 EIA / NTSC or CCIR/ PAL composite video
Palettes	white hot / black hot / iron
<b>MEASUREMENT</b>	
Temperature range	-20°C~+150°C ( Optional: Extend to 500°C)
Accuracy	±2%
<b>ENVIRONMENTAL SPECIFICATION</b>	
Operating temperature range	-20°C to +50°C
Storage temperature range	-40°C to +70°C
Humidity	Operating and storage 10% to 95%, non-condensing
<b>PHYSICAL CHARACTERISTICS</b>	
Size	85×40×40 (mm)
Weight	≤120g
<b>INTERFACE</b>	
Interface	H R S

