

## Dynacom WQU1-320 UAV Thermal Modules



- Specialized for UAV
- Temperature measurement & Video Recording
- Compact design with light weight
- Reinforced housing IP54
- Applied in police, firefighting electric power plants, etc.

Model No.	WQU1-320
<b>IMAGING PERFORMANCE</b>	
Thermal sensitivity	0.05°C at 30°C
Digital image enhance	Normal, Image
Frequency	50 / 60Hz
Focus	Manual
Electronic zoom function	1X~8X
Detector type	Focal Plane Array (FPA),320×240 pixels
Spectral range	7-14μm
Field of view	32°× 24°
Spatial resolution	1.45 mrad
<b>IMAGE PRESENTATION</b>	
Composite video	Rs170 EIA / NTSC or CCIR/ PAL composite video
Palettes	12 standard palettes
<b>MEASUREMENT</b>	
Temperature range	-20°C~ +200°C ( Optional: Extend to 500°C)
Accuracy	±2°C or ±2% of reading
<b>ENVIRONMENTAL SPECIFICATION</b>	
Operating temperature range	-10°C to +50°C
Storage temperature range	-40°C to +70°C
Humidity	Operating and storage 10% to 95%, non-condensing
Encapsulation	IP54
<b>PHYSICAL CHARACTERISTICS</b>	
Size	110×71×67 (mm)
Weight	≤330g
<b>OPTIONAL LENSES / INTERFACE ( CONFIRM BEFORE PRODUCTION )</b>	
Field of view	8°×6°, 12°×9°, 16°×12°, 24°× 18°
Interface	H R S

