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EVS-MW320

EVS-MW320 is a highly sensitive, wide spectrum Infrared camera that provides commercial, business and military aircraft pilots with clear Head-Up Display (HUD) video images of the runway environment. Day or night, EVS significantly improves pilots' flight safety and situational awareness, both in the air and on active runways.

Application

EVS-MW320 facilitates precision approaches and safe landings in reduced visibility conditions, including thick fog, smog, heavy rain and snow. EVS's operating bandwidth in medium IR spectrum to provide clear images of approach and runway lights, runway threshold, buildings, other visual cues, obstructions and aircraft in close proximity. These images normally are undetectable to the pilot's naked eye at night and in bad weather.

Parameters

Spectral range	3...5 μ m (1...5 μ m)
Detector type	Cooled InSb or MCT
Resolution	320x240 (640x480*)
Vertical FOV	24°
Horizontal FOV	32°
Output Video	RS-170, digital 14 bits over fiber optics
Power Supply	28VDC, 2.5A
Environmental Conditions	-40°C...+45°C
Dimensions, mm	230x160x140
Weight, kg	2,3

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