

MAX-VIZ[®] X1+HR

ENHANCED VISION SYSTEM

Max-Viz EVS puts the comfort back in flying



X1+ HR

Hi Resolution EVS System For Home built and Experiential Aircraft

Single LRU easy installation

Size

3.07 in W x 6.16 in D x 2.09 in H
(7.80 cm W x 15.65 cm D x 5.31 cm H)

Weight

1.2 lbs, (0.54 kg) nominal

POWER

- Input: 14 or 28 VDC (9 VDC min, 32 VDC max)
 - 0.2 Amps for sensor operation
 - 1.6 Amps when Heaters are activated
 - 1.0 Amps when Heaters are activated (14VDC)

SAFETY

Max-Viz Enhanced Vision Systems (EVS) provides pilots with an unprecedented level of situational awareness and safety by enabling them to see more clearly and precisely during day or night thereby reducing stress

- See clearly through haze, smoke, smog, light fog
- See everything clearly during the darkest night
- See clouds and avoid them at night (smoother ride)
- See the runway and taxiway clearly while avoiding wildlife and unlit obstructions at night
- Passengers feel safer—they clearly see what you see
- Shows you what the Synthetic Vision doesn't—the real world in real time.

COMMITMENT

- Dedicated customer support
- Over 12 years of operational flight experience
- Full 12 month warranty on all parts and labor with normal wear and tear

FEATURES

- The Max-Viz X1+HR is a general aviation enhanced vision sensor using a 640x480 pixel resolution long wave infrared thermal imager with electronic zoom
- Individual pins for control switches allows maximum placement flexibility
- 45° Multiple horizontal field of view
- Metal fairing design
- RS-170 Signal Format (NTSC or PAL)
- Selectable White-hot/Black-hot polarity
- Integral window heaters for operation in all conditions
- Temperature Operating Environment; -55° C to +70° C
- Pixel non-uniformity correction
- Manufactured in AS9100 Certified facility
- Solid State technology - no routine maintenance required
- US Department of Commerce Export Controlled (Not ITAR)

MAX • VIZ[®]
See Clearly, Fly Safely[®]

ASTRONICS
MAX-VIZ

MAX-VIZ X1+HR[®]

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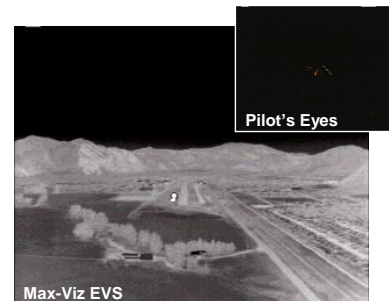
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The Max-Viz X1+HR is a lightweight, solid-state, low power, uncooled thermal camera with zoom capability. The sensor image can be presented on any display that accepts NTSC or PAL/Analog RS-170 signals.

Display Options:

- Avidyne R9
- Bendix King KMD-850
- Flight Displays Flipper's
- Garmin G500, G500H, G600, G600H, G1000 and G1000H
- Rosen Monitors
- EFBs with RS-170 input



Max-Viz EVS turns night into day; sees through smog, haze, light fog and smoke

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