# Genie TS-M3500 Area Scan Monochrome Cameras



Genie TS-M3500

### **Key Features**

- Uses standard PC Ethernet port & hardware
- Supports cable lengths up to 100 m (CAT-5e or CAT-6)
- · Simplified set-up with field proven Sapera Essential software featuring CamExpert
- · Engineered to accommodate industrial environment with a Ruggedize, screw mount, RJ-45 connector
- Auto-Iris (Video, DC or Motorized)

### Programmability

- Higher frame rates achievable in partial scan mode
- · Global electronic shutter with exposure Control
- Auto-Brightness Feature
- Extended Dynamic Range Function
- On-board flat-field correction
- Multi-Exposure Feature
- Programmable LUTs
- On-board Image compression
- Transfer On-Demand Function
- IEEE1588 Precise time Protocol

### **Typical Applications**

- Electronics manufacturing inspection
- Industrial metrology
- · Intelligent traffic systems

### **Overview**

# Small compact GigE Vision camera with uncompromised image quality.

The Genie TS-M3500 uses a Teledyne DALSA CMOS, monochrome sensor with a resolution of 3520 x 2200. Teledyne DALSA's proprietary sensor technology allows for image capture rates of 19 fps in 8M pixels resolution while maintaining exceptional image quality. The Genie TS-M3500 takes advantage of gigabit Ethernet technology, transmitting data over standard CAT-5e and CAT-6 cables to distances of up to 100 m. Like all Genie cameras, the TS-M3500 is based on AIA (Automated Imaging Association) GigE Vision Standard to directly link the camera to a PC.



## **Specifications**

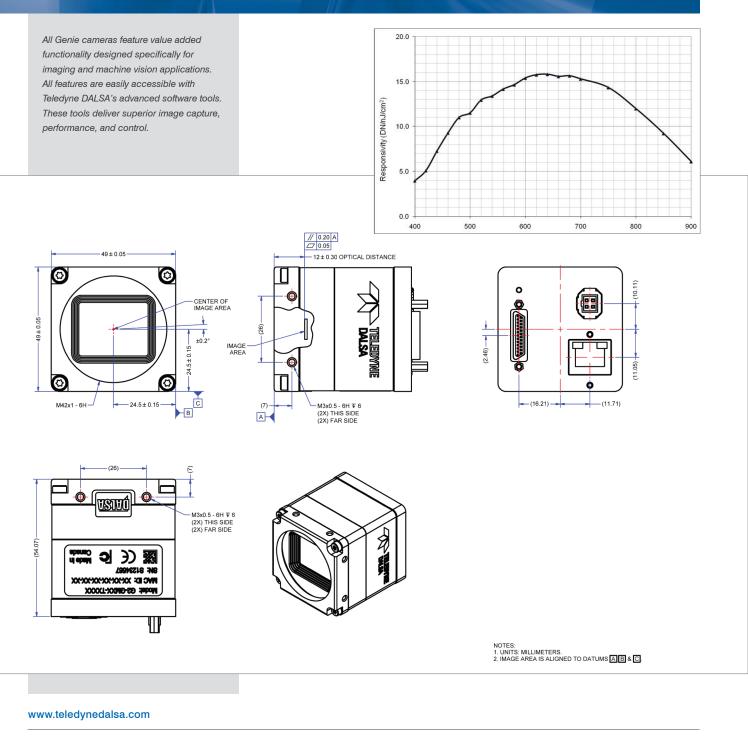
Active Resolution Acquisition Frame Rate Data Output Transfer Pixel Size Data Format Exposure Control Dynamic Range Gain Control I/O Ports

Image Buffer Lens Mount Size Mass Operating Temp Power Supply Power Dissipation Data Connector Power and I/O Camera Specification Software Platform Part Number

3520 x 2200 19 fps Gigabit Ethernet, also supports 100 Mbps 6.0 µm 8 and 10-bits Automatic, Programmable, or via External Trigger 60 dB Automatic, Manual and One-Push Gain modes 4 opto-isolated input, 4 opto-isolated output, 3 motorized Control, RS-485 Port, and RS-232 Port 512MB of On-board memory M42 x1mm 49 mm x 49 mm x 54 mm ~196 q -20° to +60°C 12 to 24V or Power Over Ethernet (POE) ~4.5 to 5.5W Standard or Screw mount RJ-45 Micro-D 25-pin and 4-pin auto-Iris Regulatory Compliance FCC Class A, CE, RoHs 2004/105/EC GigE Vision v1.2 Compliant Teledyne DALSA Sapera LT or 3rd Party Genicam Compliant SDK G2-GM10-T3505



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