

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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QVidium® Professional Video Codec

QVPRO H.264 IP Video Codec

QVidium® QVPRO Codecs provide reliable, high-performance solutions to coding and transport of SD and HD video and audio signals for broadcast applications.

Advanced H.264 High Profile compression, coupled with QVidium's patented Video Transport and Error correction, maintains broadcast quality video distribution over nearly any IP network, including wireless networks and the Internet.



The QVPRO is part of the QVidium® professional line of advanced video codecs; a line of compact, powerful and cost-effective products designed for real-time encoding, decoding and transcoding for Content Gathering, Monitoring, and Distribution of broadcast quality video over IP networks.

QVidium's advanced video transport couples broadcast and networking standards with patented error correction to take advantage of the inherent flexibility of IP and the Internet, providing broadcasters an efficient, affordable and scalable solution for professional quality video distribution quality over nearly any IP network.

The QVPRO provides H.264 High Profile video compression, up to **1080p50/60**, along with support for up to 4 audio channels, multicasting and multi-unicasting, and closed captioning to allow cost-effective audio/video broadcast and IPTV solutions.



Applications

- Professional broadcast video distribution
- Live Event / Electronic News Gathering
- Confidence monitoring
- Video conferencing
- IPTV systems

Key Features

- Real-time HD Video Encoding & Decoding
  - MPEG-4 AVC / H.264 High, Main and Baseline
    - ► Only 1.5 to 6 Mbps required for HD Encoding
    - ► Supports CBR & VBR bitrates up to 30 Mbps
    - ► Up to level 4.1
  - MPEG-2 Main Profile
  - Up to 4 audio channels (2 stereo pairs)
  - Video formats up to **1080p50/60**, PAL & NTSC
  - IP or ASI encoded audio/video input and output
  - Full-Duplex HD or SD Encoding & Decoding
  - Up & Down Scaling and frame rate conversion
  - Dual encoding from same input
- Real-time High Quality Transcoding
  - DVB-ASI or Ethernet, input or output
  - Up & Down Scaling and frame rate conversion
- Robust transmission of Video & Audio
  - Patented QVidium® ARQ error correction
  - Industry standard ProMPEG FEC
  - MPEG Transport Stream
- Compact, cost-effective solutions
  - Complete transmitter / receiver ½ width - 1RU
  - User configurable as transmitter and receiver
- User-friendly configuration and control
  - WEB-based remote configuration & control
  - SNMP Trap support for NMS systems

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Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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We're here to make your life easier. How can we help you today?

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