

Video Service Guarantee System

Congestion Management and Guarantee Video Service System

Edge Solution Ready Package

ESRP-FTS-EKI7706



- Guarantee Service for Video Stream
- Reduce Network Downtime
- Management of Congestion in Manufacturing



ESRP-FTS-EKI7706

Ethernet Ring



Enabling an Intelligent Planet

Video Service Guarantee System

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Guarantee Service for Video Stream

Advantech's Video Service Guarantee System can give priority and bandwidth to important video streams, such as surveillance applications, with timely network management and adjustment to ensure quality of services and low video latency.



Reduce Network Downtime

With Advantech X-Ring technology, network downtime is significantly reduced with automatic backup and recovery within 20 ms to prevent critical data loss or transmission failure.



Management of Congestion in Manufacturing

Automated optical inspection or visual identification equipment require real-time and stable image data transmission ability. Congestion Management Solution avoids packet loss and delay to ensure manufacturing processes are unaffected by network congestion.

AttrName	EKI-7706E-2FI
Port Number	6
RJ45 Port Interface	4 x 10/100/1000Base-T(X)
Fiber Port Interface	2 x 1000Mbps SFP
Standard	IEEE 802.3, 802.3u, 802.3x, 802.1D, 802.1w, 802.1p, 802.1Q, 802.1X, 802.3ad
Software feature	Security Pack, VLAN, IGMP, X-Ring, QoS, DHCP, IXM etc.
Mounting	DIN-Rail
Operating Temperature	-40 ~ 85°C (-40 ~ 185°F)
Relative Humidity (Non-condensing)	10 ~ 95%
Power Input	Dual 12~48Vdc
Reverse Polarity	Present
Safety	UL 61010
EMI	CE, FCC Class A
EMC	EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6, EN 61000-4-8
Shock	IEC 60068-2-27
Freefall	IEC 60068-2-32
Vibration	IEC 60068-2-6
Warranty Period	5 years

Ordering Information

ESRP-FTS-EKI7706

4GE + 2SFP Managed Ethernet Switch, with X-Ring and Video Guarantee Function

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