

# AW-IHT-0502

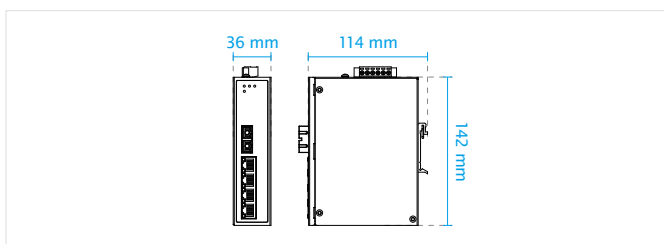
## Industrial 4xFE PoE + 1xFE SC Single-Mode 30KM Switch



### Technical Specifications

<b>Model</b>	AW-IHT-0502	<b>802.3at/af Standard Compatible</b>	Yes
<b>IP Camera Compatibility</b>		<b>Over Current Protection</b>	Supported
<b>Video Resolution</b>	Megapixel/D1/VGA	<b>Circuit Shorting Protection</b>	Supported
<b>Video Compression</b>	MJPEG/MPEG-4/H.264/H.265	<b>Total PoE Power Budget</b>	120W
<b>Compatible Camera List</b>	VIVOTEK Network Cameras	<b>Power Pin Assignment</b>	1/2(+), 3/6(-)
<b>Ethernet</b>		<b>PoE PD Auto Detection</b>	Yes
<b>Fast Ethernet (RJ45)</b>	4	<b>General</b>	
<b>Fast Ethernet (Fiber)</b>	SC Single-mode 30 km	<b>LED Indicators</b>	Power, Relay, LAN, PoE
<b>Standards</b>		<b>Power Input</b>	PW1: 48 ~ 56VDC PW2: 48 ~ 56VDC Redundant Power Backup
IEEE 802.3 10-BASE-T (Ethernet)	Supported	<b>Power Consumption</b>	126W
IEEE 802.3u 100-BASE-TX (Fast Ethernet)	Supported	<b>Alarm Relay Contact</b>	Relay outputs with current carrying capacity of 1 A @ 24VDC
IEEE 802.3z 1000-BASE-X (Gigabit Ethernet)	Supported	<b>Housing</b>	Rugged Metal, IP30 Protection
IEEE 802.3x Flow Control (Full-Duplex Flow Control)	Supported	<b>Installation</b>	DIN-rail Mounting and Wall Mounting
IEEE 802.3af Power over Ethernet	Supported	<b>Dimensions</b>	142 (L) x 105 (W) x 36.2 (H) mm
IEEE 802.3at Power over Ethernet Plus	Supported	<b>Weight</b>	0.48 kg
<b>Ethernet Performance</b>		<b>Operating Temperature</b>	-40°C ~ 75°C
<b>MAC Address</b>	1 K	<b>Storage Temperature</b>	-40°C ~ 85°C
<b>Buffer Memory</b>	128 KB	<b>Humidity</b>	Operating: 5~95% (Non-condensing) Storage: 5~95% (Non-condensing)
<b>Transmission Method</b>	Store and Forward	<b>Safety Certifications</b>	CE, C-Tick, FCC, VCCI, LVD
<b>Backplane</b>	1 Gbps	<b>Stability Testing</b>	EN 55022/24 EN 55011 EN 60068-2-6 EN 60068-2-27 EN 60068-2-32
<b>Auto-MDI/MDI-X, Auto-Negotiation</b>	Supported	<b>Accessory</b>	
<b>Filtering/Forwarding Rates</b>		<b>Included Accessories</b>	QJG, Terminal Block, DIN-rail Brackets, Wall Mount Kit
10Mbps	14,880 pps	<b>Optional Power Supply</b>	Din Rail Power Supply: NDR-120-48: 90 ~ 264VAC In, 48 ~ 54VDC/120W Out, -20°C ~ 70°C Wall Mount Power Supply: HLG-120H-54: 90 ~ 305VAC In, 54VDC/120W Out, -40°C ~ 70°C
100Mbps	148,000 pps		
<b>Transmission Media</b>			
10Base T	Cat. 3, 4, 5 UTP/STP		
100Base TX	Cat. 5, 5e UTP/STP		
It is highly recommended to use standard Cat. 5, 5e cables which are compliant with the 3P/ETL standard.			
<b>PoE Function</b>			
<b>Number of PoE Out Ports</b>	4		
<b>PoE Power Output</b>	Per Port 56VDC, Max. 30W		

### Dimensions



### Application Diagram

