



FEATURES:

- Filtered 24VAC 50Hz output
- DC Input voltage options: 12V, 24V & 48V
- Convection cooled: No fans
- Suitable for CCTV applications requiring clean 24VAC
- Fully isolated input – output 1000VDC
- Over voltage protection
- Overload and short circuit protection
- MTBF > 150,000hrs
- Special input / output combinations on request.

SPECIFICATIONS:

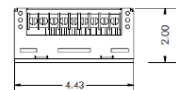
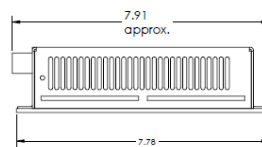
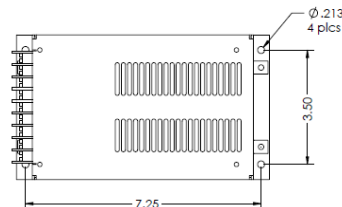
Input Voltage	12VDC (11 ~ 16) 24VDC (21 ~ 30) 48VDC (38 ~ 60)
Input Protection	Reverse polarity protection. Inrush current limiting Input Fuse
Isolation	Input – Output: 1000vdc Input – Chassis: 700vdc Output – Chassis: 500vdc
Efficiency	Model dependent , typically 80-90%
Output voltage	24VAC 50Hz
Wave Form	Sinusoidal
Output Power	50 watts , 100 watts
Harmonic Distortion	<50% at full load
Voltage Adjust.	N / A
EMI	EN5022 Class A Conducted & Radiated
Regulation	±5% Line / Load combined
Ripple & Noise	Typically 500mV (20MHZ BW)
Overload Protection	Current limiting, with hiccup type short-circuit protection
Overvoltage Protection	Double regulator loop &Tranzorb across output
Operating Temp.	°0C to +50°C, +70°C at 20 watts
Cooling	Conduction cooling / Convection cooling
Environmental Protection	Ruggedizing and Conformal coating of PCB.
Shock & Vibration	IEC61373 Cat 1 A & B and Cat 2
Humidity	5-95% non-condensing, higher ration option
MTBF	>150,000 hrs
Indicators	N/A
Connector	9-pin barrier terminal block
Alarm	N/A optional
Dimensions	201 x 112 x 51mm CSI24-50 254 x 112 x 58mm CSI24-100
Weight	0.8kg

DESCRIPTION:

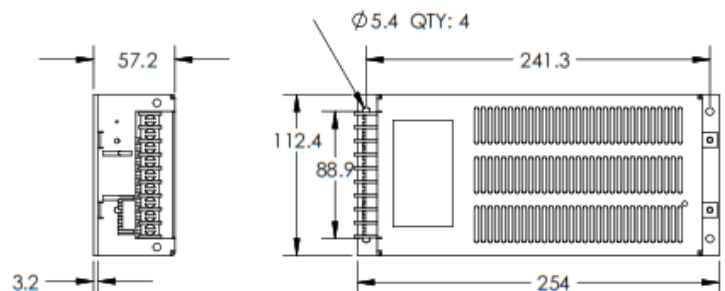
The **CSI24** series DC/AC Power Inverter, is designed to provide a regulated and filtered 24VAC for applications such as powering CCTV cameras.

The most common model is a 24VDC / 24VAC , but other combinations are available on request with power levels.

ORDER #	INPUT V	OUTPUT V/A	POWER
CSI24-50-12	12VDC	24VAC 2A	50W
CSI24-50-24	24VDC	24VAC 2A	50W
CSI24-50-48	48VDC	24VAC 2A	50W
CSI24-100-12	12VDC	24VAC 4.1A	100W
CSI24-100-24	24VDC	24VAC 4.1A	100W
CSI24-100-48	48VDC	24VAC 4.1A	100W



CSI24-50



CSI24-100

Dimensions in mm