

DuraVision PT-LAN51

Remote Controlled Pan and Tilt Head



Indoor Pan and Tilt Head Designed for Mounting Various Devices in Industrial Environments

Operation in a Range of Applications

The DuraVision PT-LAN51 is an indoor pan and tilt head that can be used to mount a wide range of devices, such as video cameras and laser measuring instruments, weighing up to 1.5 kg.* It supports both ultra-high and ultra-low speed operation to support applications requiring high-precision and reliability. Furthermore, it can supply up to DC12V/1A power to mounted devices.

Flexible Positioning

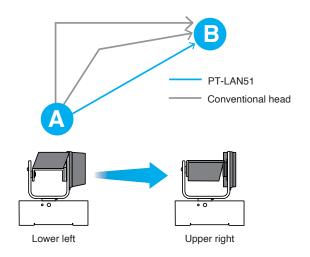
The PT-LAN51 can be remotely controlled and supports pan and tilt movement with a maximum range of ±170° and ±174°, respectively. Pan and tilt movement can be locked at a specific angle to prevent interference with the housing or cables of mounted equipment.

*Mounting support varies by device weight, shape, center of gravity, rotation speed, and other factors.



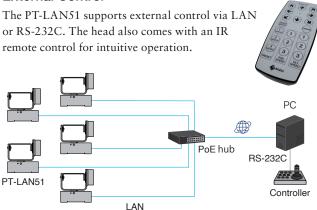
High Precision, Discrete Movement

The PT-LAN51 uses a stepper motor for high-precision, discrete movement. It also enables point-to-point diagonal direct movement, which is typically difficult to achieve with a simple mechanism head.



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External Control



Power Delivery without an Adapter

The PT-LAN51 is equipped with a PoE power input port so it stays powered without needed an external adapter and cable, keeping the installation area clear.

The PT-LAN51 remains in operation regardless of whether the power switch is on or off when power is supplied using PoE+. DC output cannot supply power to a connected device while using PoE+.



Compact and Reliable

The head is designed to be compact, measuring $161.0 \times 161.5 \times 142.0 \text{ mm}$ (W x H x D) and weighing just 2.5 kg. It complies with the VESA standard for reliable mounting in industrial environments. The PT-LAN51 is designed and manufactured entirely in-house at EIZO's own factory to ensure high durability of moving parts.

External Command Support

A command list is also available for external control via end-user software.

Long-Term Reliability

The product is backed by a 2-year manufacturer's warranty for long-term reliability.

Optional Accessories

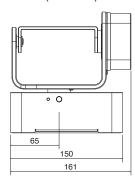
•DVAC-02 AC adapter

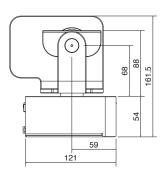


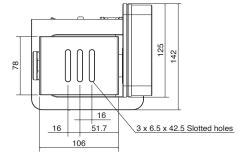
Specifications

Remote Control		LAN, RS-232C, IR Remote
Power / PoE+ Input	Standard	IEEE 802.3at Type2 (PoE+)
Fower / For + Input	Power Voltage	DC 42 5 V - 57 V
		20 12:01 01 1
	Maximum Power Consumption	25.5 W or less
	Maximum Input Current	Up to 0.6 A
Power / DC input	Power Voltage	DC 12 V
	Maximum Power Consumption	36 W or less
	Maximum Input Current	Up to 3.0 A
Power / DC Output	Power Voltage	DC 12 V ± 10%
	Maximum Output Current	1.0 A or less
Physical Specifications	Dimensions (W x H x D)	161 x 161.5 x 142 mm
	Net Weight	Approx. 2.5 kg
	Hole Spacing	100 x 100 mm, M4, screw depth 4.0 - 20.0 mm
	Tilt Rotation Range	±174° (factory default: ±30°)
	Tilt Rotation Speed	0.4° - 50°/sec
	Pan Rotation Range	±170° (factory default: ±170°)
	Pan Rotation Speed	0.4° - 50°/sec
	Mountable Equipment Weight	1.5 kg or less
Environmental Requirements	Operating Temperature	-10 - 50 °C
	Operating Humidity (R.H., no dew condensation)	10 - 90 %
Certifications & Standards (Please contact EIZO for the latest information.)		CB, CE, UKCA, cTUVus, FCC-A, CAN ICES-3 (A), TUV/S, VCCI-A, RoHS, WEEE
Supplied Accessories		Remote control with battery (AAA x 2), User's manual, Rubber sheet
Warranty		2 Years

Dimensions (Unit: mm)







EIZ Corporation

153 Shimokashiwano, Hakusan, Ishikawa 924-8566 Japan Phone: +81-76-277-6792

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