

Datasheet

MIC-501KBD & MIC-516KBD camera telemetry controllers

Precision through flexibility

Forward Vision has designed two unique keyboards to operate the MIC1, or “Metal Mickey” series of fully functional Pan/Tilt/Zoom (PTZ) cameras operating the forward Vision protocol.

The MIC-501KBD is a robust keyboard suitable for single camera control and can be used in a wide range of applications. The MIC-501KBD is especially popular for mobile applications and environments where space saving is an important consideration. With the ability to control all popular camera functions, including focus, zoom, switching on/off wiper and IR (or thermal); the MIC-501KBD benefits from a speed range sensitive joystick for pin-point control and comes complete with mounting bracket for fixing to a dashboard or control desk.

The MIC-516KBD is a fully programmable telemetry controller keyboard suitable for control of up to 16 cameras. With a robust design and easy to use layout the keyboard features advanced control options for MIC1 series cameras including the ability to set-up presets, tours and camera module settings remotely. The MIC-516KBD also has a physical key that locks out camera programming functions for added security.

For further information and application examples please visit us at FVcctv.co.uk



MIC-501KBD – single camera controller



MIC-516KBD – Up to 16 camera controller

Features at a glance

Full control

Control of the Forward Vision protocol giving full operational capability for MIC1 series cameras

Versions available for any application

Whether you require mobile or desk top, there is a suitable version for your application

Robust design

Like all Forward Vision products, the MIC-501KBD and MIC-516KBD are built from resilient material

MIC-501KBD - Single camera telemetry controller
Functionality

Number of cameras	1
Focus	Automatic/Manual & Near/Far
Iris	Automatic/Manual & Open/Closed
Zoom	In/Out
Wash	On/Off
Wipe	On/Off
Lamps	On/Off
Home preset	Yes
Self test	Yes

Communications

Telemetry	RS485/RS422
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Connectivity

Connector	9-way D-type connector (supplied)
Mode	Simplex

Physical

Construction material	Die cast aluminium case with dash mounting bracket
Colour	Black
Dimensions	190(W) x 60(H) x 120(D)mm – excluding joystick and rear connector
Weight	1Kg

Electrical

Input voltage	9V to 12Vrms DC (ensure correct polarity)
Power consumption	155mA max (nominal 100mA)

Environmental

Operational temperature	0°C to +40°C
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Accessories

Connector	9-way D-type connector (supplied)
Mounting bracket	Supplied

MIC-516KBD – 16 camera telemetry controller
Functionality

Number of cameras	Up to 16
Focus	Automatic/Manual & Near/Far
Iris	Automatic/Manual & Open/Closed
Zoom	In/Out
Wash	On/Off
Wipe	On/Off
Lamps	On/Off
Home preset	Yes
Self test	Yes
Frame integration	Yes
Low light integration	Yes
Camera addressing	Yes
Soft-stop setup	Yes
Backlight control	Yes
Black/White control	Yes
On screen data	Yes
Captions	Yes
Privacy masks	Yes
Multiple preset tours	Yes
Baud rates	Yes
Quick & slow	Yes
Secure programming function	Via key lock
Function keys	6, fully programmable
Alarm card	Optional, 8 inputs

Communications

Telemetry	RS485/RS422
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Connectivity

Connector	9-way D-type connector (supplied)
Mode	Duplex or simplex

Physical

Construction material	Steel
Colour	Black
Dimensions	360(W) x 56(H) x 175(D)mm – excluding joystick and rear connector
Weight	2Kg

Electrical

Input voltage	9V to 12Vrms AC via 13A integrated 240V AC mains PSU providing 9V AC at 300mA
Power consumption	250mA max (nominal 155mA)

Environmental

Operational temperature	0°C to +40°C
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Accessories

Connector	9-way D-type connector (supplied)
PSU	13A integrated 240V AC mains power supply providing 9V DC (supplied)
Key	Numbered (supplied)
Alarm card	8 inputs, fully programmable (optional)

*functions available when used with the Forward Vision protocol, other protocols may vary.

DEALER / DISTRIBUTOR


Specifications are subject to change without notice

MIC_KBDs_version 1



FOR FURTHER INFORMATION
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