



IQS Intelligent Quad Split

Allows 360° Coverage with Four
Pinhole ATM Cameras

The IQS is an accessory for the Visual Engineering range of cameras. It allows multiple solid state PTZ cameras to be connected together at a single point of control, allowing 360° coverage with no moving parts.

The [Visual Engineering Miniature ATM](#) allows operators to pan, tilt and zoom within it's 3.1 megapixel field of view. IQS allows four of these cameras to be 'stitched' together to increase the field of view.

The IQS constantly communicates with the attached cameras, when one is about to pan outside of its available range the IQS automatically switches to the next camera in the direction of movement.

Particularly suited to vehicle fits, IQS together with ATM cameras can be concealed behind a 1.5mm aperture, covering all four sides of the vehicle, giving a 360° pan, 60° tilt and 3x magnification.

To provide greater over-lapping coverage, IQS units can be cascaded together to increase the number of available camera inputs.

To the outside world the IQS appears as a standard PTZ camera, responding to both Sony Visca and PelcoD protocols over RS232 communication.

It outputs analogue, composite video in either PAL or NTSC.

Overview

Supports VE ATM Cameras

Accepts Multiple Cameras

360° Coverage Area

PAL or NTSC Video Output

Expand Through Cascading

Communicates with PTZ Modules

Supports External Comms

On Board Storage Option

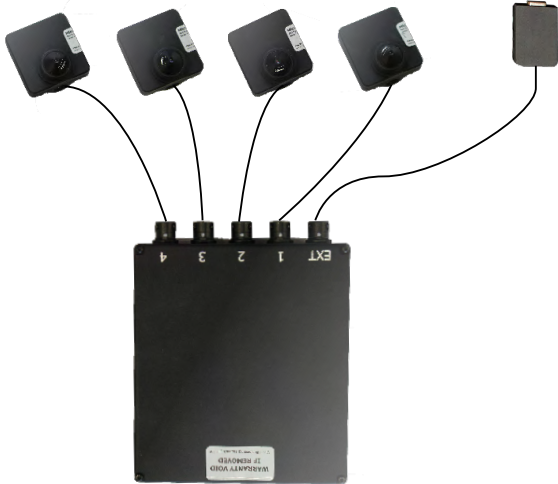
Compact Size

Low Weight

Low Power



The IQS Module connected to four ATM cameras and the control interface that are all supplied with the complete system kit.



The complete IQS camera system kit.



System kit part number: 110-3417

Specifications			
Power & Control Input	Fischer MiniMax	Protocol	Visca/Pelco
Input Resolution	3.1Megapixel	Baudrate	Selectable
Output Video	PAL or NTSC	Optional Storage	Up to 32GB
Field of View - Pan	360°	Temperature	-20 to +40°C
Field of View - Tilt	60°	DC In	9 to 18V
Available Zoom	3x Lossless	Power Consumption	2.5W
Sensitivity	0.1 Lux	IQS Module Weight	200 grams
Resolution	> 2000TVL	IQS Module Dimensions	80 x 80 x 22mm
SNR	> 50dB	ATM Camera Weight	20g
Lens Type	S mount M12	ATM Camera Dimensions	30 x 28.5 x 8mm
Comms Standard	RS232	Environmental	IP65
Connection	Supplied Cable	Casing	CNC Machined Aluminium

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