

The Videosys Camera Control System offers advanced features in a rugged and easy to use 'plug and play' design.

The system uses a 3 box solution. The indoor unit (IDU) interfaces with the camera's Operator Control Panel (OCP) / Remote Control Panel (RCP), while the outdoor unit (ODU) transmits the RF signal to the camera control data receiver, which in turn interfaces with the camera.

The system can be configured in a unidirectional mode, which gives extremely robust wireless performance or in the bi-directional mode (camera manufacture dependant) which enables fully featured OCP operation.

Compatible camera manufacturers:

Sony; Grass Valley; Ikegami; Hitachi; Panasonic; Dream Chip; Arri.

IDU

The IDU can be connected to OCPs via legacy RS data or Ethernet and it works with the manufacturers own OCP. Up to 4 cameras on a single RF channel can be controlled and both Red & Green tally are supported.

TECHNICAL SPECIFICATIONS

Power	12-16vDC 1.5W
Connectivity	Ethernet/ Generic 9 pin/ Sony HiRose 403-473MHz
Frequency	403-473MHz
Bandwidth	12.5 KHz
Dimensions	W 220mm x D 358mm x H 44mm (1 RU)
Weight	1.15 Kg



ODU-E

The ODU is a 1W UHF transmitter which benefits from a wide RF bandwidth of 403-473MHz giving superior frequency flexibility. It is powered by either 12v 4 pin XLR or PoE and the data connection from the IDU can be either RS232/485 or Ethernet. Multizone is a feature whereby multiple ODUs operate on different frequencies in different zones. This enables coverage of very wide areas such as golf courses.

TECHNICAL SPECIFICATIONS

Power	12v (4pin XLR)
Connectivity	3 Pin XLR for Data / TNC Antenna 403 -473MHz
Frequency	403-473MHz
Bandwidth	12.5 KHz
Dimensions	W 125mm x D 75mm x H 80mm
Weight	0.7 kg



RX-SM

The RX-SM is the camera mounted data receiver. It can be supplied as a stand alone unit or integrated into the OBTX, Sapphire BTX or Eclipse TX transmitters. In multizone mode the receiver is programmed with multiple frequencies and it switches at a predefined SNR level.

TECHNICAL SPECIFICATIONS

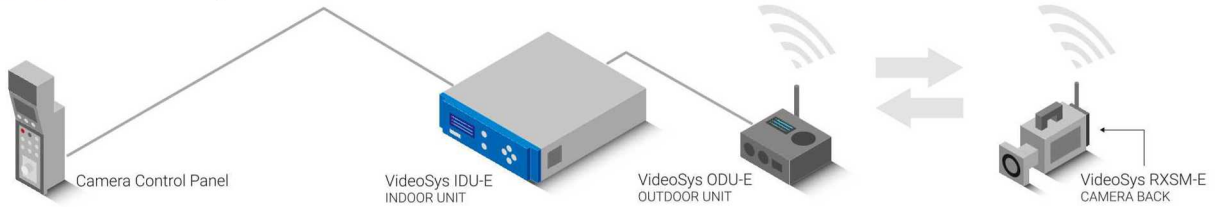
Power	12v via camera cable
Connectivity	IP
Frequency	403-473MHz
Bandwidth	12.5 KHz
Dimensions	W 125mm x D 75mm x H 80mm
Weight	0.7 kg



The VideoSys camera control system has been designed for ease of use but can also be used in a multitude of highly complex system designs to enable full coverage of multiple cameras.



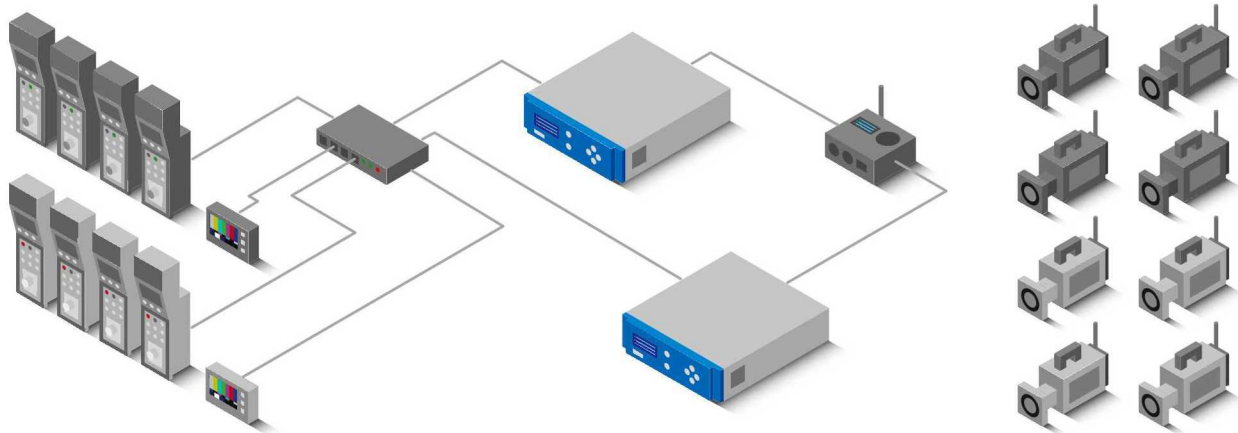
Single Camera (Ethernet optional)



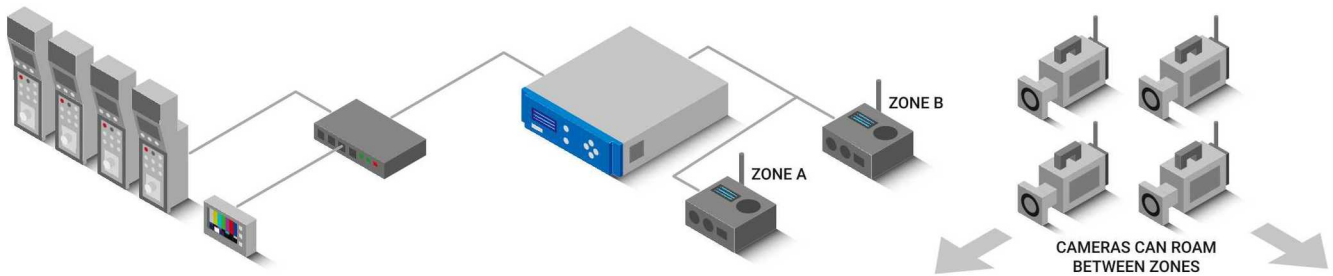
Multi camera (Ethernet optional)



Cascade (Mix multiple manufacturers on a single frequency)



Multizone Large indoor to outdoor applications (zones can overlap)



Multizone and Cascade can be used in conjunction with each other, making a complex network with very large coverage potential