ConneX Re-deployable CCTV systems
The **Connex** Redeployable CCTV systems offer a range of innovative solutions to problems faced by organisations needing to manage crime, anti-social behaviour or deploying CCTV solutions in remote or difficult locations.

**Rapid deployment**

When CCTV is needed at a site without any existing infrastructure Connext Redeployable systems simplify deployment by easily mounting to a wall, a corner, or an existing pole such as a street lamp. As a self-contained unit requiring just a mounting surface and a single power feed, installation is greatly simplified and any need for time consuming and expensive civil works eliminated. With integrated Wireless Point-to-Point or Point-to-Multipoint support the Connex Redeployable systems can quickly and cost effectively be connected back to an existing control room NVR.

**Re-deployable CCTV**

Often when CCTV is installed at a location experiencing crime or anti-social behaviour within a short period of time the problem simply moves elsewhere. Redeployable systems help to manage this as they can very cost effectively be re-located.

**Standalone CCTV**

For locations out of range for wireless connectivity the Redeployable systems can be fitted with an internal NVR platform complete with 500GB of storage. In addition the Redeployable systems offer a 3G/4G option whereby real-time footage can be streamed over 3G/4G at lower resolutions to any device, whilst simultaneously recording HD footage internally on the Redeployable system. Optional Wi-Fi hotspot support is also available so that the NVR can easily be accessed from the ground.

Connex Redeployable systems support up to 3 x HD fixed cameras offering near 360 degree coverage of a site. With its internal storage capabilities this means that it can provide an effective and highly cost effective unmanned standalone CCTV solution.

**Features**

- Support for a wide range of IP & analogue cameras
- Wireless Point-to-Point & Point-to-Multipoint support
- Up to 3 x HD Camera for near 360 degree continuous recording
- Internal NVR option
- 3G Streaming
- Wi-Fi hotspot support
- IP 66 rating

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Specifications

**Camera Models and Manufactures Supported**

- **Type**: Fixed and Pan,Tilt,Zoom (PTZ) Camera supported.
- **Analogue / IP**: Network IP or Analogue Cameras supported.
- **Camera Head**: Single or Multiple Cameras supported
- **Support for a range of Camera Manufactures**: 360 Vision, Bosch, Pelco, RedVision, Samsung, Panasonic, HikVision, Axis plus others

The following specifications will apply (Subject to choice of Camera type and Manufacturer)

**Camera**
- **Zoom**: Optical [18x, 23x, 36x]; Digital [12x]
- **Day/Night**: Colour / mono
- **Resolution**: Analogue [PAL/NTSC], IP 720p, 1080p25/30 up to Mega Pixel [up to 5MP]
- **Signal Noise Ratio**: >50 dB
- **Picture**: Freeze / Flip
- **Focus**: Auto / Manual
- **PTZ / Fixed**: 0.1 ~ 120 degree 360 Continuous rotation, absolute positioning
- **SD Card Interface**: Micro SDXC [up to 64Gbytes] [SD Card not included]

**Video Resolutions**
- **No. of Data streams**: 2 to 4 Individually configurable; Web View (JPEG Stream)
- **Data Bit Rates**: User selectable [9.6 Kbps to 10 Mbps]
- **Compression**: H264 [ISO/IEC 14496-10]; MPEG4; JPEG [Web Browse]
- **Standards**: SMPTE 274M-2008 [1080i]; 296M-2001 [720p]
- **HD Resolutions**: 1080p [1920 x 1080]; 720p [1280 x 720]
- **SD Resolutions**: 432p [768 x 432]; 288p [512 x 288]; 144p [256 x 144]; D1; 625 [PAL]; 525 [NTSC]

**Audio Resolutions**
- **Streaming**: Bidirectional Full or Half duplex
- **Compression**: G.711, AAC

**Telemetry**
- **Analogue PTZ Control**: Pelco D/P
- **Serial Ports**: RS232; RS422 & RS485 2 or 4 wire

**Protocols**
- **TCP/IP, UDP/IP [unicast, multicast IGMP], UPnP, DNS, DHCP, RTP, NTP**
- **ONVIF Conformance**: EN-50132-5-2

**Wireless**
- **Bandwidth**: PTP /PTMP Backhaul : 8/50/300 Mbps throughput
- **Communication Distance**: Short to Long range [up to 60 km with high-gain external antenna]
- **Radio technology**: MIMO 2x2 with OFDM 64/128
- **Modulation types**: BPSK ½ to QAM64 5/6
- **Transmit power**: Up to 23 dBm [4.9-6.0 GHz]
- **Receiver sensitivity**: -67...-97 dBm

**Housing Specifications**
- **Ingress Protection**: IP66
- **Physical Size**: 220mm x 300mm x 210mm
- **Input Power**: 30VA (Typically 100VA with Camera Heater)
- **Mains**: 110-240 VAC @ 50/60 Hz
- **Weight**: 3.5Kg
- **Operating Temperature**: -10°C ~ +50°C
- **Port Connection**: 1 x RJ45 Fast Ethernet [10/100 Base-T] [Auto MDI/MDI-X] [IEEE 802.3 Compliant]

**Mounting options**
- **Wall, Corner, Pole, Custom**

**Certifications and Regulations**
- **Product Safety**: Complies with CE regulations, UL, CSA, EN and IEC Standards EN60950-1
- **Electromagnetic Compatibility (EMC)**: Complies with FCC Part15, ICES-003, and CE regulations, including EN50130-4, EN55022 Class A, EN61000-3-3, EN61000-6-1, EN61000-6-2 and EN50121-4
- **RoHS Compliant**: Complies with CE regulations, UL, CSA, EN and IEC Standards EN60950-1