

Transit-lite IR

The new Transit-lite IR redeployable camera is a compact professional CCTV solution which has been designed to reduce weight, functionality and cost over the original Transit Product which makes it ideal for more challenging situations that don't require I/Os, audio or image encryption such as for monitoring antisocial behaviour, neighbour disputes and environmental, traffic and parking violations.

The Revader Transit range has been proven to deter crime, secure prosecutions through video evidence and provide surveillance in a highly cost-effective manner, unmatched by traditional CCTV systems which incur large infrastructure, human and maintenance costs. All Revader redeployables use our unique EasyFit bracket system as standard, and can also be permanently fixed to poles, walls, fences or trees.

Flexible to your requirements, the Transit-lite IR is straightforward to install in virtually any location, and can be rapidly repositioned to respond to changing surveillance demands. Recordings are saved to on-board storage, in both low bandwidth and HD quality video.

Each unit is IP66 rated, aerodynamically designed and lightweight, with various options including 3G & 4G connectivity, battery failover PoE power out for an additional slave camera, for example ANPR & thermal imaging and 5Ghz Wi-Fi.

All Transits are able to operate on a standalone basis or can be networked together and controlled from any number of remote locations dependant on options installed. Transits perform well when integrated into existing CCTV systems.

Transit-lite IR units are supplied with a re-deployable IP67 mains to DC power supply (PSU).



Typical Applications:

- ▶ Light weight lamp posts
- ▶ Open space crime hotspots (e.g. housing estates, city centres)
- ▶ Parks and cemeteries
- ▶ Major events (e.g. festivals, concerts & public gatherings)
- ▶ Counter-terrorism operations
- ▶ Schools & universities

Benefits include:

- ▶ Rapid installation at short notice for immediate security risks
- ▶ Cost effective: saves manpower & unnecessary overheads
- ▶ Reduces unnecessary visits – footage can be monitored and retrieved remotely in HD quality
- ▶ Anti-tamper: internal battery option
- ▶ Integrates into legacy systems

Technical Specification

Mechanical

Chassis	Plastic & Stainless Steel
Surface	2-pack polyurethane paint—light/dark grey
Connectivity*	Water and dust resistant IP68, circular connectors: Power in, Ethernet / PoE out* , aerials for Wi-Fi, GSM/4G/3G*
Dimensions	470mm x 168mm Diameter
Fixing Dimensions	2 x 6mm holes @ 110mm pitch
Weight*	From 4.0Kg—depending on chosen options.
Durability	Vandal-resistant IP66
Working Temperature	-20°C to 55°C

Electrical

Input voltage	20VDC
Input protection	Short circuit & overcurrent protection
Typical Power	24W + Connected Devices
Power Supply rating	60W—Part No. 61620
Internal backup battery	*Over 1.5 hours*

Camera & Lens

Camera Type*	Ruggedised PTZ
Min. Illumination	0.5Lux Colour 0 Lux IR ON /Black and white.
Lens	f=5.0 to 75mm (F1.6~F3.5)
Resolution	1980 x 1080 HD
Coverage	360°Endless PTZ
Zoom	20 x optical
PTZ Devices	Full 3-axis control, via software, joystick or keyboard
Day and Night	Removable IR-cut filter for day & night Intelligent IR range of 50 meters

Customisation

By agreement	TBA
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Connectivity

Type	Dual stream (variable bitrates to suit connectivity)* Gigabit Ethernet**
Mobile Network *	4G LTE, 3G HSUPA, 3G HSDPA, 3G UMTS, GPRS.
Wi-Fi	802.11b/g 2.4GHz Wi-Fi (100m*) WEP/WPA/WPA2 Encryption* (5GHz option available)
Supported Protocols	IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnp, RTP/RTSP/RTCP, SMTP, FTP, DHCP, NTP, DNS, ARP, IGMP, PPPoE, CoS, QoS
PoE *	48VDC injector plus ethernet

Security

Password profile	Multi protection levels
Cameras/Displays	Accessible on a per-user basis
Configuration Files	Save and restore capability for any server
Diagnostics	Remote, secure diagnostics and repair functionality are available
Remote Administration	Remote control via TCP/IP network including restart and reboot
Automatic System Restart	After power loss, system auto-resumes

Recording System

Video Resolution	Multiple choice up to 1920 x 1080
Operating System	Embedded Linux platform
Still Image	JPEG/BMP/PNG
Record types	Continuous, schedule, motion, alarm, event and digital input trigger
Overwrite modes	Configurable auto deletion and overwrite function, by time or drive allocation
Detection	Motion, video loss

Time zone	Regional settings, NTP
Compression	H.264
Data/frame rate	1 - 25 fps, 32kbps-8Mbps, Rate full HD- 25 fps
Min video format	QCIF (176x144) from 32Kbps (min)
Max video format	HD (1920x1080) to 8Mbps (max)

Video Management Client

Fully supports the major VMS platforms - for control room integration

Storage

Hard Disk	1 x 2.5" Form Factor Platter as standard or Solid State Drive SATA II - any capacity
Storage size	2TB Fitted as STD – but will take any capacity HDD available. For mass evidence collection (other options available)

Accessories

A range of accessories are available for all Revader products.

Analytics
A range of analytical tools such as privacy masking, line crossing detection, tracking, etc can be accessed directly from the camera head.

* Denotes build options.

Transit-lite IR PTZ—Main Options

Part No.	61601	61603	61605	61607	61609	61610	61611	61612
Network	***	***	***	***	***	***	***	***
3/4G		***	***	***	***	***	***	***
1.5Hr Batt			***	***	***		***	***
PoE				***	***	***		
5GHZ WiFi					***		***	***
PSU P.No.61620	***	***	***	***	***	***	***	***

We can undertake bespoke modifications to our standard products to suit customer requirements—please enquire.