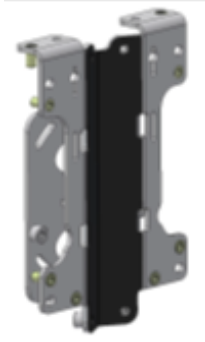# RAPIDCAM RCB01– Rapid deployment camera

Rapidcam - RCB01

Rapid deployment heavy duty bracket for pole mount

Rapidcam - RCB01

Short description

Rapidcam offers an unique solution for rapid deployment of temporary camera surveillance.

Rapidcam is extreme simple to use, easy to install and friendly operation. Rapid deployment offers an easy installation and activation of the camera and applies a connection to either a 3G/4G/GPRS network.

Full control of camera alignment can be coordinated from remote by using the friendly software which is availllable as stand alone version on PC or Client User on server. With the software, the user get's remote access to the application at any location.

Besides streaming video, the camera also provides the possibility to store images on internal memory of the camera at SD Card as well as remote storage at PC or server.
Supports 3G, 4G, GPRS and Wifi depends on availllability.

Ideal suitable for remote monitoring like as:

- Event observation
- Construction plants
- Disaster management
- City surveillance
- Trafic Control
- Unsafe premises
- Public areas
- Railway (stations) and airports
- Temporary observation

Specifications

- Resolution: 700 TVL
- Video: Real-time streaming video up to 25 frames/sec.
- Day/night: Automatic day/night functionality
- Illumination: Colour - 0.5 Lux.
  Black &White - 0.05 Lux
- Pan: 0 - 360° Continue
- Zoom: Motorzoom from 3,9 to 85.8 mm.
  22 x Optical and 16 x Digital
- Media: Local storage on SD-card at 25 fr/sec
- Up to: 120 pre-sets
- Filtering: HTTP/HTTPS/IP filter access
- Processing: Image post processing
- Supports-: GPRS/EDGE/UMTS/HSDPA/HSUPA data communication availllable
- IP adressing: No fixed IP adress needed
- GPS: Built in GPS for locating camera position via Google Maps
- Battery: Integrated re-chargeable lithium Battery.
- Standard capacity: Up to 44 hours
  Optional: Extra battery pack up to 5 days stand alone operation
- Charger: 6A
- Power Consumption: 12V—600mA
- Housing: IP65, anti vandalism policarbonate
- Dome: 1,5 mm anti-vandalism policarbonate
- Operating Temp.: −30°C to +50°C
- Dimensions: 232 x 163 x 271 mm.
- Weight: 4.5kg.

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Cloud solution and software

Rapidcam - Software and Cloud Solution.

The Rapidcam software is delivered as Client /Server which can be installed on your own server hardware platform.

Cloud Solution.

Our Cloud Solution is availlable for customers who prefer to out source this facilities. We feel proud to offer such customers an agreement which gives a portal to their own private sector of the application.
BCE has designed a stable and reliable hard– and softplatform onwhereon the application runs from a secured and (air)conditioned data storage center.
Based on stricked protocols a customer get entrance to his part by user/login scripts and authorisation fromwhere you are able to run your own application remotly.
Monthly fee includes hard - and software maintanance, cost for hire server space at data storage center, energy, updates etc.

Third party software integration.

Rapidcam supports standard protocols for live streaming as RTP/SDP as well as ActiveX and SDK for further integration to third party video monitoring software (VMS).

Communication architecture

Rapidcam offers two different architecture options:

1.   M2M - Multi-unit to multi-client architecture (using server with IP address

2.   P2P - Rapidcam to mobile phone or laptop/computer client.

The architecture is based on a server which resides either on an Internet IP address, a VPN or inside the camera.
Rapidcam supports different client as apllication, PDA client and Internet Adobe flash media client.
The architecture is specially designed for multi-unit real distributed long distance network environments and packet failure as cellular network environments.
Once the user pushes the button, live video, audio, location is popup and can be viewed on the connected client.

The system has a real time bandwidth control capability which gives low latency on the video stream.
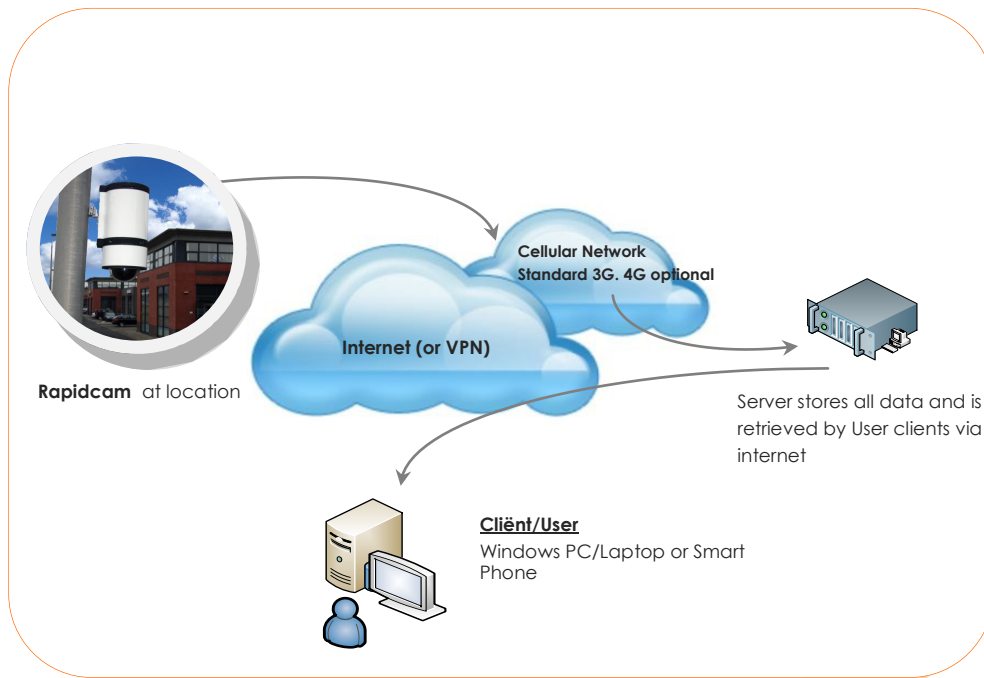
GPS positioning

The built-in GPS module monitors all devices locations in one map.
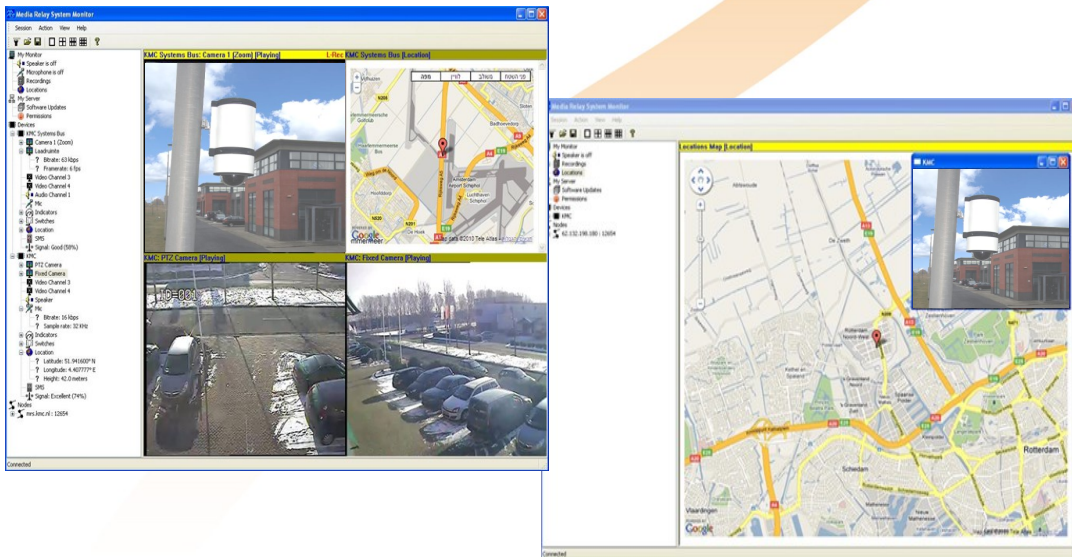Each icon on the map can be opened as a floating window for live streaming.
In case of an event/alarm, the system opens the map with the alarm device and live video stream accordingly.
The system supports Google map, Open Street Map and can be integrated with other map systems as well.

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Sample M2M configuration

**Cellular Network
Standard 3G. 4G optional**

Internet (or VPN)

Rapidcam at location

Server stores all data and is retrieved by User clients via internet

Cliënt/User
Windows PC/Laptop or Smart Phone

Screen samples

Additional options:

- B & W Case

- Housing colour White, RAL6009 or Aluminium in stock. Other colours on request

- External 44 Amp. Battery Pack in seperate housing

- Wall Brackets

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BCE Bos Consultancy **E**nterprises is a Dutch based company, constantly building, extending and maintaining a network of distributors throughout Europe and Russia. Our aim is to identify resellers in each country to establish reliable long-term partnerships. **BCE** has the wide knowledge and specialization to deliver solutions for the high end of the security spectrum. **BCE** represents a large number of international manufacturers specialized in video networks for cities and industrial zones, thermal camera's, switches, personal media radio systems and covert solutions like as:

Wavesight
Wireless Video Outdoor Netwrok solutions suitables at cities, harbors, airports and industrial areas. Providing stable Point to Point and Point to Multipoint connections up to 300 Mbps and 40 kilometers of distance with license free and licensed connections.

Switches, power supplies and Surge Protectors.
A great variety of industrial and desktop switches. Managed, Unmanaged, PoE, PoE+ switches suitable for integrated use at surveillance systems of cameras and wireless radio configurations. Up to 1 Gb.

RapidCam
Is a rapid to deploy, user friendly, easy to install stand alone camera solution which can be used for observation and covert covert purposes.

Thermal camera program.
Thermal camera solutions for use at Industrial sites, Border control, Airports, Harbours, Perimeters etc. For bright exposure in colour at day time and monochrome during night time. Solutions up to a distance of 5 kilometers.
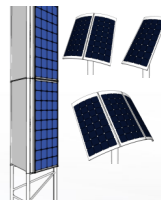
ANPR Camera Program.
ANPR camera program to monitor number platres at sites, parking lots, entry/exit gates and highways up to a speed of 220 kmph. Complete delivery with ANPR software or built-in Stainless steel pole

DigiController
IP based I/O controller supporting many connectivity protocols. With web based interface, DIN rail mount and small form factor.

Body Warn Camera program.
The most reliable Portable Law Enforcment camera system used at Police, Special forces, border Control, fire brigades, Surveillance and Security Guards.

Smartdect
Full stand alone camera system. Can be either used as point to point communication as well as within remote network environments. Specially designed for observation and covert operations.

Cartag
Wireless security system protect stealing parts from cars parked at parking places of car dealers, lease companies and fleet owners.

Patio Mounts and Brackets.
Robust steel galvanised, aluminium or stainless steel patio mounts, pole extenders, L + M wall brackets and U-clambs in different size and design. Ideal for easy installation of radios and cameras at top of buildings, poles and walls.

Stand Alone Solar Power Systems.
The small light weight and rapid deploy solar solution for cameras and radio's at sites without any infrastructure

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