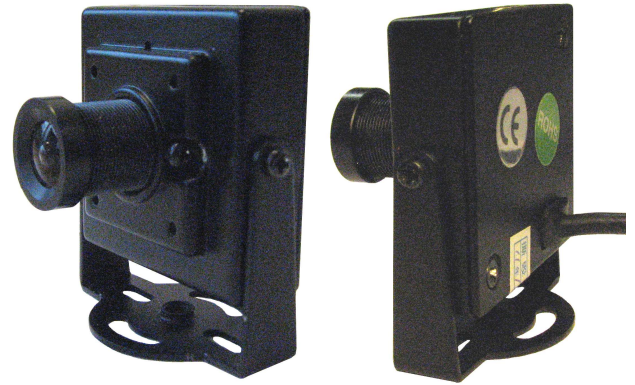# VGA Camera Module
## *CAM-120*

**The CAM-120 Camera add-on Module for the RTCU X32 units is extending the functionality of this powerful platform with the capability to take color pictures in standard JPEG format. The pictures taken can be transmitted over GPRS and/or saved to a SD-CARD file. The discrete and small enclosure makes it ideal to take snapshots of areas, rooms or triggered events.**

The CAM-120 module extends the RTCU X32 units with a range of new features supporting implementation of visual monitoring, triggered events or surveillance oriented applications such as:

> ➢ Remote monitoring of equipment, devices, work areas or locations
>
> ➢ Vehicle, including driver/passenger, monitoring
>
> ➢ Security applications
>
> ➢ Any event-trigger applications
>
> ➢ Stealth security applications
>
> ➢ *.....many other applications where "a picture is worth a thousand words"...*

The actual application for controlling the CAM-120 module is implemented in the RTCU X32 units using a very easy-to-use library of high-level VPL functions to take a snapshot.

Installation is easily achieved, the camera comes with a bracket for easy surface mounting. The camera module is connected to the RTCU X32 units with a single cable, therefore no external supply is needed.

## Key Features:

> ➢ Four selectable resolutions
> ➢ Standard compressed JPEG format
> ➢ High-level VPL library

> ➢ Easy installation, with just two screws
> ➢ Small and discrete enclosure
> ➢ Comes with 3 meter cable

## Technical Specification:

| Camera type | Still Image JPEG Compression VGA Camera Module | | |
|---|---|---|---|
| Image Sensor | 1/4 CMOS | | |
| White Balance | Automatic | | |
| Exposure | Automatic | | |
| Auto Gain Control | Automatic | | |

| | Minimum | Typical | Maximum |
|---|---|---|---|
| Power supply (VDC) | 3.0 | 3.3 | 3.6 |
| Field of View (degrees) | 90 (diagonal) | | 120 (diagonal) |
| Working Temperature | -15 °C | | +70 °C |
| External Dimensions (mm) | W 36 x H 36 x D 29 | Without mounting bracket | |
| Resolution | 80 x 64 | 160 x 128 | 320 x 240 (QVGA) | 640 x 480 (VGA) |

**For more information**

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