



Teq Diligent

Embedded Vision Solution CAMERA

Advance Intelligent Solutions

- ✓ Ready to use Vision Solutions
- ✓ Linux OS Enabled Solutions
- ✓ Raw Frame Data Output
- ✓ Easy Integration with System Components
- ✓ Best in class Price-Performance for Vision Applications



Industrial / Factory Inspection ●
Medical / Laboratories ●
Scientific Imaging ●
Traffic Monitoring ●
Engineering & Automation ●
Energy Management ●
Controller Appliances ●

Applications

- CMOS image sensors
- Resolutions from 2 MP to 5 MP and frame rates up to 51 fps
- Compact format with C-mount Lens
- Image sensors having electronic rolling shutter with Global reset
- Small housing: 70 mm x 30 mm x 40 mm
- Easy integration using the Teq Diligent's Camera Software Suite
- Standard Gigabit Ethernet interface support

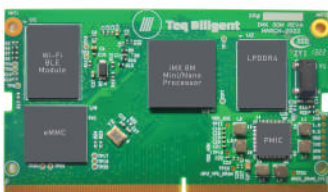
We provide design and customization services for Embedded Vision System.

Firmware
Engineering

Hardware
Engineering

Software
Engineering

Other OEM Solutions



NXP i.mx 8M nano SoM



Embedded Display



Click Here



Specifications - Embedded Camera

Sensor Details	Sensor Manufacturer	On Semiconductor
	Shutter type	Electronic Rolling Shutter with Global Reset Release
	Sensor Optical Format	1/2.5"
	Sensor type	CMOS
	Resolution	5MP
	Pixel Size	2.2um x 2.2um
	Frame Rate	21 fps
	Mono / Color	Color
Interface Details	Interface	1Gbps Ethernet
	Pixel Bit Depth	8 / 10 bits
Interface Details	Synchronization	Free-running mode Snapshot mode
	Exposure Control	Programmable
	Gain Control	Programmable
	General purpose output	1
	Power Supply	12VDC, 5 Watt
Mechanical Details	Dimensions (L x W X H)	70mm x 40 mm x 30mm
	Lens Mount	C-mount
	Operating Temperature	0 °C to 50 °C

