

## Industrial 10GigE vision PoE cameras



**ITALA 10G** is a series of 10GigE vision PoE area scan cameras featuring the brand new 10Gbps (10GBASE-T) link speed, delivering next generation speeds without compromising image resolution. ITALA 10G series features a compact form factor and integrates high quality Sony Pregius and Pregius S CMOS sensors ranging

### KEY ADVANTAGES

**10 Gbps transfer data speed.**

**12 pin I/O connector.**

**Power Over Ethernet.**


**Latest CMOS Sony sensors.**


**Resolution: 5 to 31.5 MP.**

from II generation with 3.45  $\mu\text{m}$  pixels to IV generation with 2.74  $\mu\text{m}$  pixels (fast version).

These premium cameras feature powerful and advanced functionalities, ideal for demanding applications including multi camera systems and high speed - high precision applications.

### HIGH QUALITY SENSORS

 **SONY Pregius™ sensors**  
SONY Pregius™ Global shutter CMOS image sensors.


 **SONY Pregius™ S sensors**  
SONY Pregius™ S back-illuminated Global shutter CMOS image sensors.


### EXTENSIVE FUNCTIONALITIES



12 pin connector ensures robust connection and extensive functionalities: up to 2 inputs and 4 synch outputs with opto-isolation.

### IDEAL FOR HIGH RESOLUTION MULTI-CAMERA SYSTEMS

 IEEE 1588 Precision Time Protocol allows to accurately synchronize clocks of multiple GigE cameras on an ethernet network. This function is particularly useful in multi-camera systems and when inspecting moving parts.

 Additionally, when PTP is enabled, the Scheduled Action Command feature allows simultaneous software triggering of multiple cameras at a specific time in the future, with sub-microsecond accuracy.

### APPLICATIONS



**Electronics.**  
AOI and quality inspection tasks.



**Sports analysis and monitoring.**



**Intelligent traffic control systems.**



**Logistics and packaging.**  
Tracking and trace tasks.



**Pharma and food.**  
Quality check and counting.



**Beverage production lines.**  
High-speed filling control.