


OUTDOOR BULLET · 3.6 MM

**TCM-B1041A**

# 4MP Outdoor Audio Full Color Bullet Camera

Colour video and sound, day and night, with built-in smart analytics

## DESCRIPTION

The Techma TCM-B1041A is a 4MP outdoor bullet network camera that records full-colour video and audio 24 hours a day, even in very dark conditions. Its 1/2.9" 4.6 MP CMOS sensor and warm-light LEDs keep clothing and vehicle colours identifiable at night, where conventional cameras switch to black-and-white IR.

Built-in analytics — electronic fence, line crossing, off-duty alarm and human counting — turn the camera into an active security device, and the HTTP URL API can trigger external IP speakers for instant voice warnings. A weatherproof housing, PoE or 12 VDC power and ONVIF compatibility make installation simple on any site.

## KEY FEATURES

- **1/2.9" 4.6 MP CMOS sensor** for sharp, detailed images that hold up when zoomed
- **24/7 Full Color** imaging with high light sensitivity and warm-light LEDs — colour video even in darkness
- **3.6 mm fixed lens** for focused coverage with longer reach
- **Weatherproof housing** for outdoor installation
- **Built-in microphone** records on-site audio with no external mic or extra cabling
- **Electronic Fence** — virtual perimeter that triggers an alarm on intrusion
- **Line Cross Detection** — alerts when a person or object crosses a virtual line
- **Off-Duty Alarm** — automatic alerts for activity outside operating hours
- **Human Counting** — counts people passing through a defined area
- **IP Speaker Link via HTTP URL API** — triggers external IP speakers for automatic voice warnings on analytic events
- **PoE or 12 VDC** power — single LAN cable for power and data

## TECHNICAL SPECIFICATIONS — TCM-B1041A

| | |
|---|---|
| **IMAGE** | |
| Image Sensor | 1/2.9" 4.6 MP CMOS |
| Resolution | 4 MP |
| Color Mode | Full Color, 24/7 |
| Illumination | Warm-light LED |
| **LENS** | |
| Lens Type | Fixed lens |
| Focal Length | 3.6 mm |
| **AUDIO** | |
| Microphone | Built-in internal mic |

| | |
|---|---|
| **SMART ANALYTICS** | |
| Functions | Electronic Fence, Line Cross Detection, Off-Duty Alarm, Human Counting |
| **NETWORK & INTEGRATION** | |
| Protocol | ONVIF |
| IP Speaker Link | HTTP URL API to external IP speakers |
| **POWER & PHYSICAL** | |
| Power Supply | PoE / 12 VDC |
| Form Factor | Bullet |
| Environment | Outdoor, weatherproof |


© 2026 Techma Technology · Specifications are subject to change without prior notice