



Aelius Trijal

Where Technology Meets Smart Engineering

Aelius Trijal Engineering & Technology Private Limited

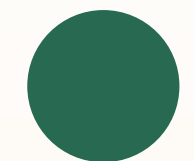


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CCTV SURVILLANCE





- **Specialized CCTV Solution**

- **Supply & installation** of surveillance systems for private and government sectors
- **Effective monitoring** of people and vehicles

- **Wide Range of Cameras**

- **Bullet, Dome, PTZ & SIM-based** Cameras
- **Explosion/Flame Proof, Thermal Long Range & Broadcasting** Cameras



DOME CAMERA

- Dome cameras have a **circular, dome-shaped casing**
- Offer a **sleek and modern appearance**
- Design makes it **difficult to detect the viewing direction**
- Acts as a **psychological deterrent** against intruders and criminal activity



BULLET CAMERA

- **Compact, cylindrical design** for outdoor surveillance
- **Sleek, bullet-like shape**
- Known for **durability**
- Provides **long-range monitoring capabilities**



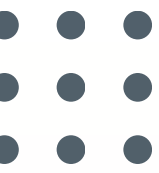
PTZ CAMERA

- **PTZ (Pan-Tilt-Zoom) Camera**
- Can be **remotely controlled**
- Functions: **Pan (left-right), Tilt (up-down), Zoom (in-out)**
- Provides **flexible monitoring of large areas**



THERMAL LONG-RANGE CAMERAS

- Customizable multi-sensor PTZ systems
- Equipped with **high-resolution LWIR & MWIR infrared cameras**
- **Short / Mid / Long range zoom capabilities**
- Ensure **24/7 situational awareness & threat detection**
- Perform effectively **even in complete darkness**



SIM BASED CAMERAS

- **SIM-based CCTV camera** for remote monitoring
- Works with **4G LTE mobile network** via SIM card
- Supports **720p HD video recording**
- **Access footage remotely** through mobile app



EXPLOSION FLAME PROOF CAMERA

- **Explosion-proof CCTV camera** designed for **hazardous environments**
- Built with **special protective housing**
- Prevents ignition by **containing sparks or heat** inside
- **Withstands external explosions** without damage

BROADCASTING CAMERAS







BROADCAST CAMERAS

- **Broadcast cameras** designed for **live TV production & transmission**
- Deliver **high-quality image capture** across varied environments
- Essential for **news, sports, and live entertainment**
- Equipped with:
 - **High-resolution sensors**
 - **Interchangeable lenses**
 - **Advanced stabilization systems for smooth footage**

VIDEO RECORDER







NETWORK VIDEO RECORDER (NVR)

NVR (Network Video Recorder):

- Specialized system for recording & managing IP camera footage

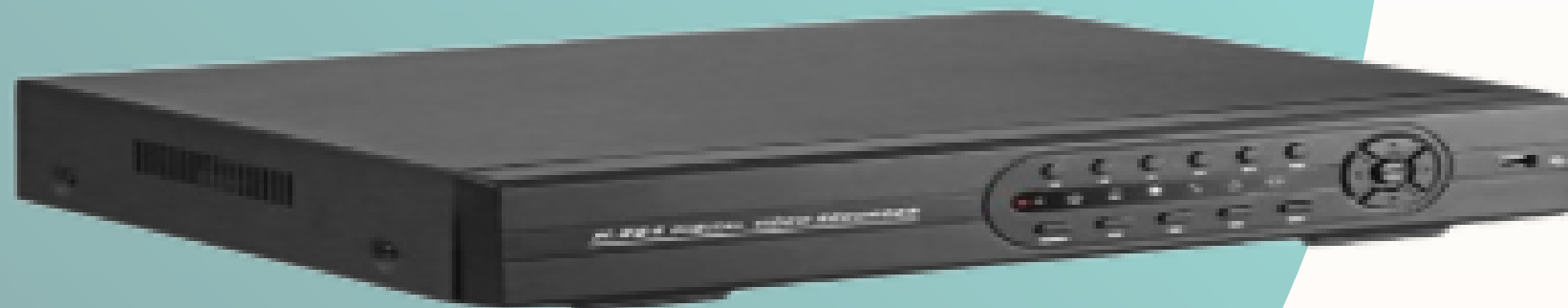




DVR (Digital Video Recorder)

DVR (Digital Video Recorder):

- **Records** television programs for later viewing
- **Stores content** in digital format
- Supports **playback, pause, rewind & fast-forward**



NETWORKING SWITCHES





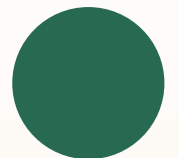


Switch (Network Device):

Switch (Network Device):

- Segments networks **into subnets / LAN segments**
- **Filters & forwards packets** based on MAC address
- Equipped with **multiple ports** for connectivity
- Performs checks before forwarding data to devices
- Supports **unicast, multicast, and broadcast communication**

NETWORKING CABLES

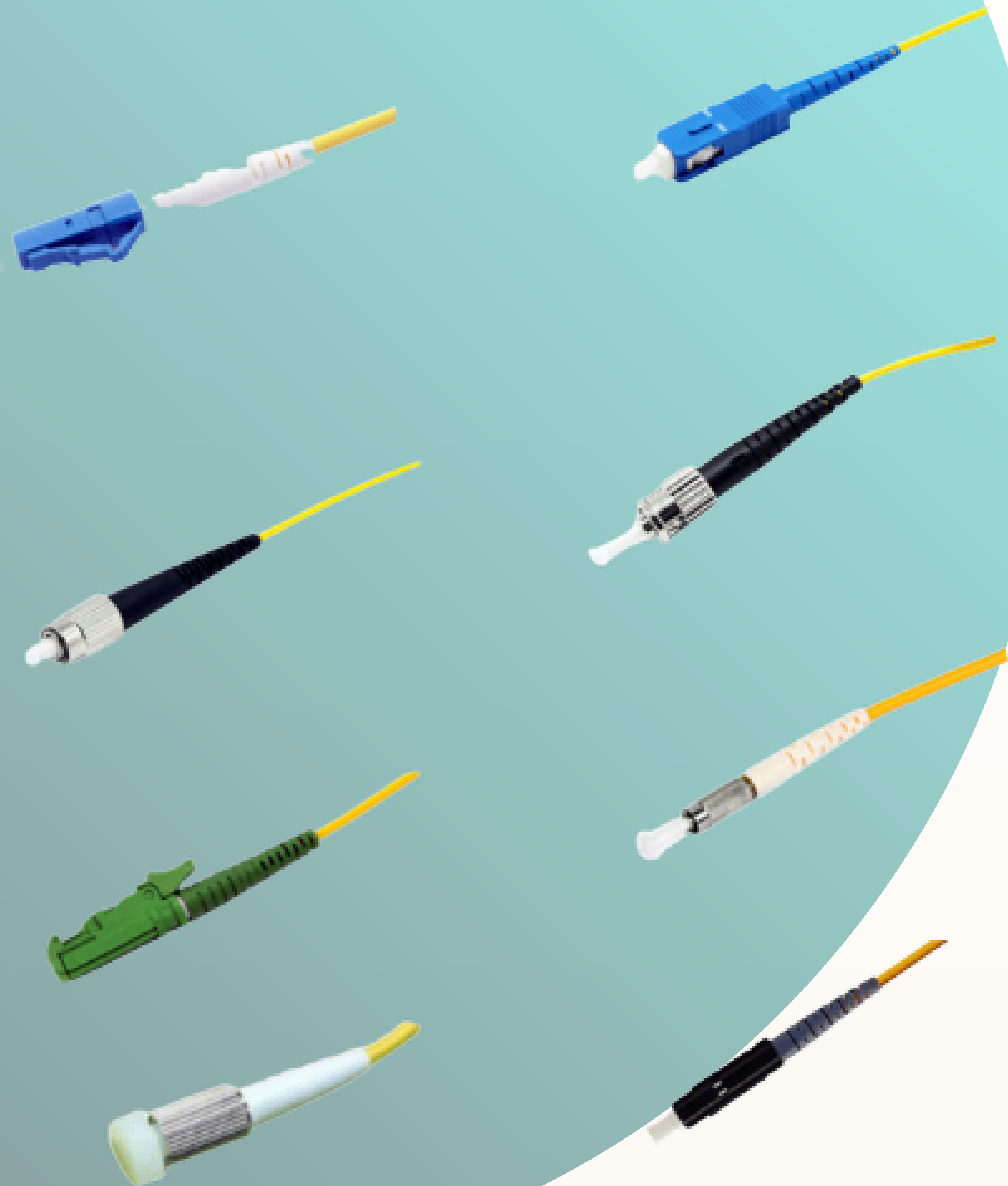




CAT6 CABLE

Category 6 (Cat 6) Cable:

- Standardized **twisted pair cable** for Ethernet & network connections
- **Backward compatible** with Cat 5/5e and Cat 3
- Provides **higher performance & reduced crosstalk**

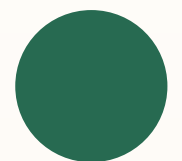


PATCH CORD

Patch Cable / Patch Cord / Patch Lead:

- Electrical or fiber-optic cable used to **connect devices** for signal routing
- Commonly connects **different devices** (e.g., switch ↔ computer, switch ↔ router)
- Ensures **reliable data transmission** in networks

BIOMETRIC AND FACE DETECTION





BIOMETRIC ATTENDANCE SYSTEMS:

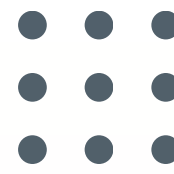
Biometric Attendance Systems – Overview :

- Use **unique biological traits** (fingerprints, facial features, etc.) for identification
- Eliminate **errors of manual entry & punch cards**
- Ensure **accurate and reliable attendance tracking**
- Provide a **modern, efficient HR solution**

VIDEO DISPLAY







LED DISPLAY



- Flat panel display using **LEDs as pixels**
- Provides **high brightness & visibility**
- Suitable for **outdoor use** (store signs, billboards)
- Delivers **clear visuals even in sunlight**



DLP WALL DISPLAY



- Rear projection, rear access video wall cube
- **70-inch diagonal size** (1550 × 872 mm image)
- **Laser DLP® technology** for superior performance
- Offers **high performance, energy savings & lower cost of ownership**

ENTRANCE CONTROL SYSTEM







ENTRY CONTROL SYSTEMS:

Entry Control Systems:

- **Advanced security** solutions beyond traditional lock & key
- Enable **management and monitoring of access**
- Control entry to **premises, buildings, or specific rooms**
- Enhance **overall security & accountability**

SMART UPS





INTELLIGENT & EFFICIENT POWER PROTECTION

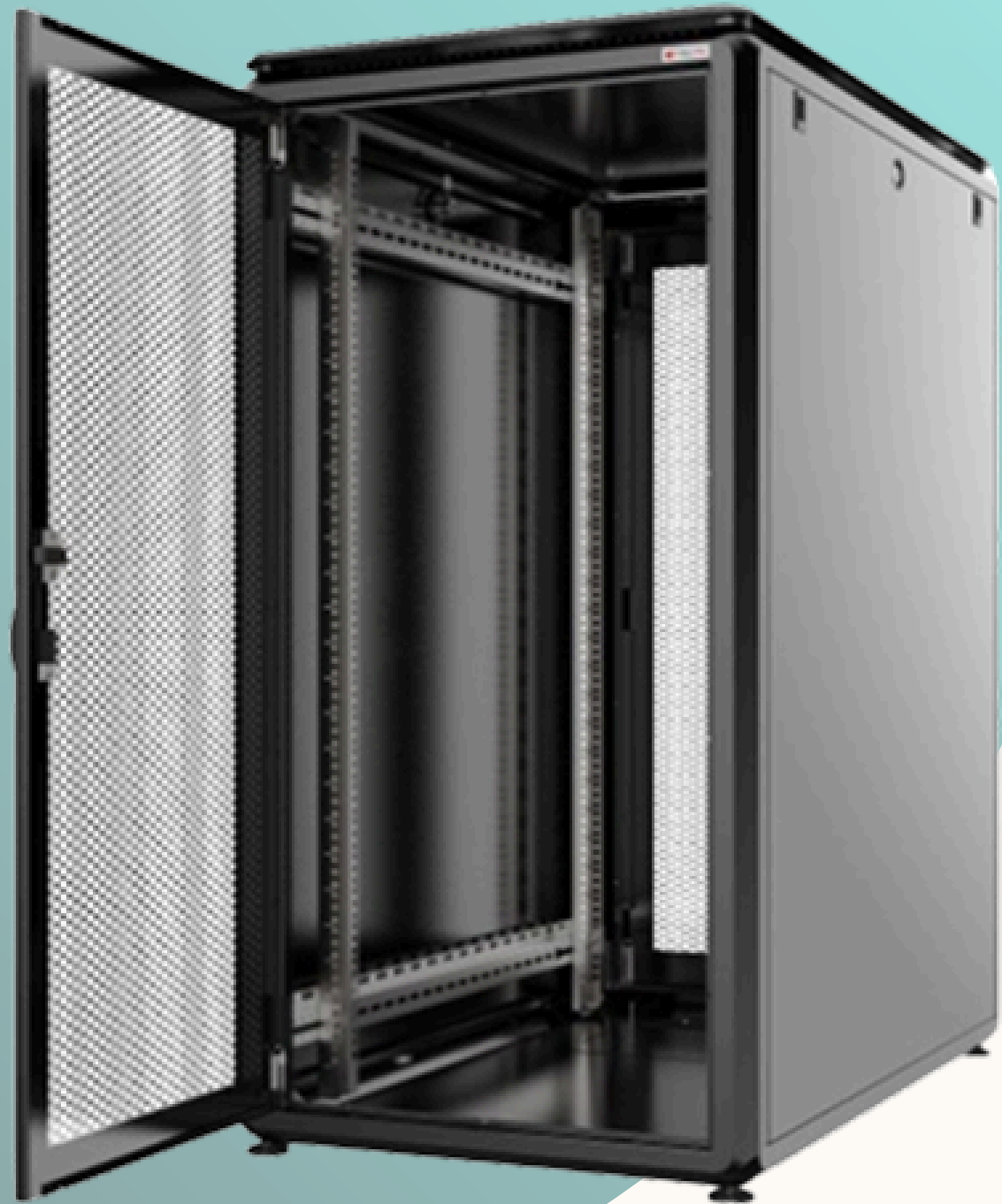
Intelligent & Efficient Power Protection

- Scalable runtime from **entry-level to advanced needs**
- Ideal UPS for:
 - **Servers**
 - **Point-of-sale systems**
 - **Routers, hubs & switches**
 - **Other critical network devices**
 - **Ensures continuous operation & reliability**



SERVER RACK





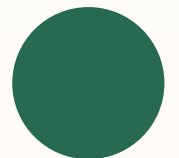
SERVER RACK

Server Rack:

- Specially designed to **hold & organize IT equipment**
- Supports **multiple hardware components** in one structure
- **Stacking servers & devices** improves space efficiency
- Helps maintain **proper airflow & cooling**
- Enhances **organization & easy maintenance**

MS POLE







AETET MS TUBULAR POLES

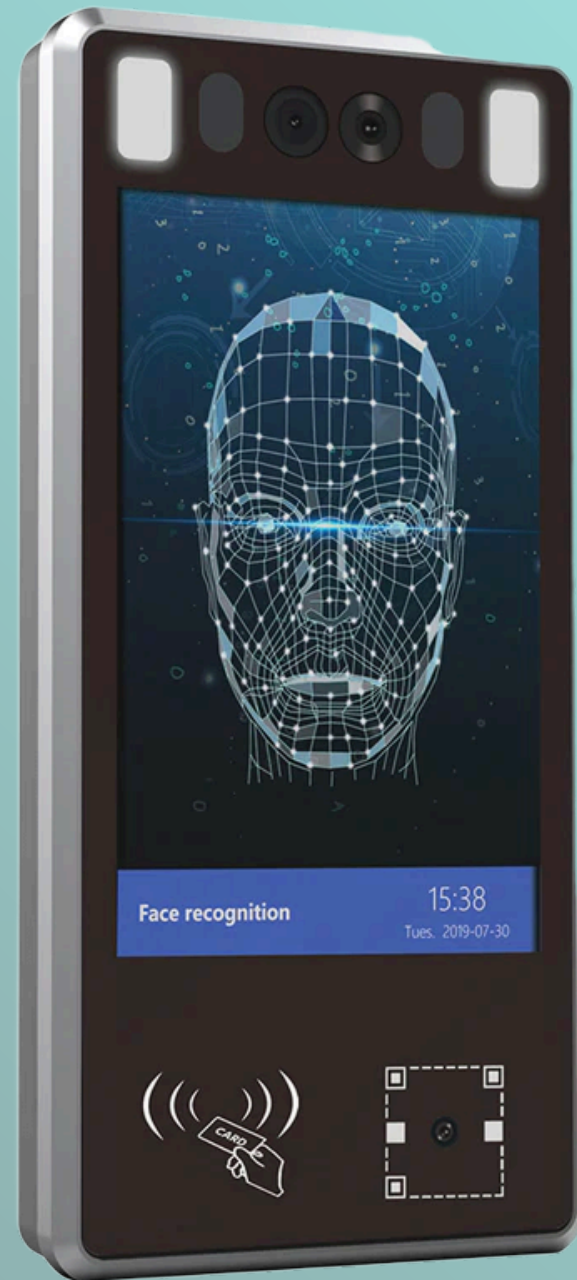
- Designed with focus on **user comfort & customization**
- Manufactured from **Mild Steel** as per customer requirements
- Available in **any height** as per need

Key Features:

- **Red oxide, Silver Paint, Hot Dip Galvanized** finishing options
- **Corrosion-free & durable** design
- **Adaptable** to diverse applications & environments

SOFTWARE SOLUTIONS





SOFTWARE SOLUTIONS

VMS, ARTIFICIAL INTELLIGENCE BASED ANALYTICS LIKE FACE RECOGNITION SYSTEM, AUTOMATIC NUMBER PLATE RECOGNITION SYSTEM



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