



*Video Analytics, Network Cameras, Edge to Core Switching,
Access to Core Routing, Access Control Systems, Network
Attached Storage & Video Recording, Video Management
Software, Wireless Controller & Access Points*



No Matter How Complex Your Needs Are, You Can Always Depend On PLEXONICS...

PLEXONICS™ Video Management System makes it easy for you to control all your electronic eyes on one command center!!!



PLEXONICS™

COMPANY PROFILE

Plexonics is a strong and growing Original Equipment Manufacturer (OEM), serving clients in Asia and is expanding to other parts of the globe through various strategic alliances. Plexonics has been innovating cost effective solutions for partners and clients making high-quality, low-cost solutions possible to emerging and ever-growing companies.

Plexonics, an emerging division of Cloudberry Technologies Private Ltd. in the market of Innovation and Technology. Plexonics is a dynamic manufacturer providing end-to-end solutions in the field of Surveillance, ranging from Cameras to Artificial Intelligence based Video Analytics Software for your total peace of mind.

OUR VISION:

Plexonics will be a world leader in Original Equipment Manufacturing (OEM) and will provide innovative, technologically advanced and cost effective solutions that drive businesses and enhances the quality of life for them.

OUR MISSION:

Plexonics is committed to provide world-class solutions in the field of Surveillance, ranging from Cameras to Artificial Intelligence based Video Analytics Software. Our mission is to work for your total peace of mind. We intend to achieve our goal through high standard deliverables, research and teamwork.

CUSTOMIZATION:

We at Plexonics take immense pride in our status as a reliable name for Customized Solutions. We are a team of dedicated, young, energetic, qualified and experienced professionals providing end-to-end solutions in areas of surveillance to make you feel more secure in your day-to-day business and personal activities. We design, develop and customize a host of Surveillance Solutions that monitor and protect your critical business environment.

SUPPORT:

We are here to help you with all your queries and issues regarding any of our products with our knowledgeable Customer Service Representatives and our self Service Tools. We have the opportunity to assist you at virtually any time. We always try and offer the most easy to understand solutions for our customers.

OUR VALUES:

- ▶ Fairness - We ensure an impartial workplace, which promotes commitment and innovation.
- ▶ Integrity - We build trust and deliver what we promise to our people and our clients.
- ▶ Quality - We ensure high quality standard deliverables to our clients.
- ▶ Collaboration - We work together to achieve long term growth for everyone.
- ▶ Respect - We create an environment where each person feels valued and is treated with dignity.
- ▶ Innovation – We innovate cost effective solutions to stay ahead of issues facing businesses and industry.

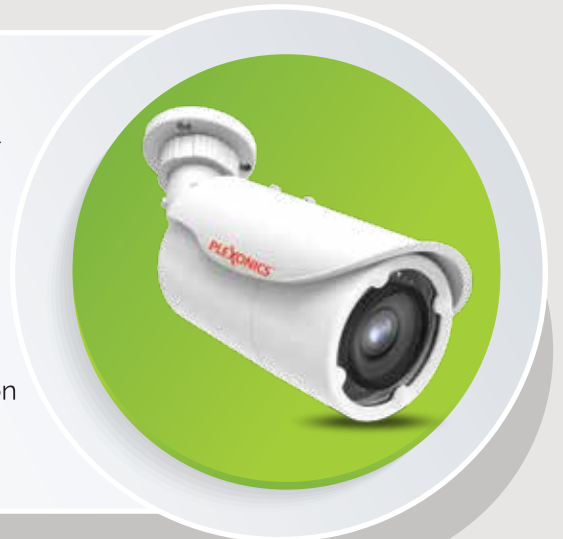


Indoor Network Cameras:

- ▶ Ultra-HD Technology and broaden quality video up to 12MP at 20fps, 8MP~3MP at 30/25fps, 1080P/720P at 60/50fps
- ▶ Adaptive IR for better night illumination
- ▶ New-generation Dual video codec and triple video streaming
- ▶ Power-on support by Standard PoE/DC12
- ▶ Latest ONVIF Profile S/G/Q conformance
- ▶ Micro-SD card slot for Local Storage
- ▶ Intelligent video Analytics (IVA): Video Motion Detection, Defocus Detection, Tamper Detection, Audio Intensity Detection
- ▶ Indoor/Outdoor Application
- ▶ Robust camera mechanical, junction box, IP66/IP67 and IK10

Outdoor Network Cameras:

- ▶ Ultra-HD Technology and broaden quality video up to 12MP at 20fps, 8MP~3MP at 30/25fps, 1080P/720P at 60/50fps
- ▶ Adaptive IR for better night illumination
- ▶ New-generation Dual video codec and triple video streaming
- ▶ Power-on support by Standard PoE/DC12
- ▶ Latest ONVIF Profile S/G/Q conformance
- ▶ Micro-SD card slot for Local Storage
- ▶ Intelligent Video Analytics (IVA): Video Motion Detection, Defocus Detection, Tamper Detection, Audio Intensity Detection
- ▶ Indoor/Outdoor Application
- ▶ Robust camera mechanical, junction box, IP66/IP67 and IK10



Outdoor PTZ Cameras:

- ▶ Ultra-HD Technology and broaden quality video up to 3 Mega Pixel at 20fps, 1080P/720P at 60/30fps
- ▶ Dual video codec and triple video streaming
- ▶ Power-on support by Standard PoE+/AC24
- ▶ Latest ONVIF Profile S/G/Q conformance
- ▶ Micro-SD card slot for Local Storage
- ▶ Intelligent Analytic Features including Object Detection, Camera Tampering, Audio Detection, Face Detection, Cross Line Detection and Multiple Streaming
- ▶ Robust camera mechanical, junction box, IP66/IP67 and IK10
- ▶ Ultra enhanced WDR, 3DNR, Digital Defog Technologies





Corrosion Proof Cameras:

- ▶ Fixed and PTZ Camera
- ▶ Hermetic integration; 316L/304 double material stainless steel housing
- ▶ Can sustain Atmospheric Pressure of 80KPa ~ 106KPa
- ▶ Built-in surge and lightning strike protective equipment
- ▶ Equipped with IP66/IP68 rated enclosure protection
- ▶ Preset speed more than 400°/sec in PTZ Cameras
- ▶ Privacy mask and adaptive motion detection
- ▶ Suitable for Chemical Factories and Coastal Environment etc.

Explosion Proof Cameras:

- ▶ Ex-proof Marking Exd~CT6GB/DIP A21 TA,T6
- ▶ Can sustain Atmospheric Pressure of 80KPa ~ 106KPa
- ▶ Hermetic integration; 316L/304 double material stainless steel housing
- ▶ Equipped with IP66/IP68 rated enclosure protection
- ▶ Built-in surge and lightning strike protective equipment
- ▶ Privacy mask and adaptive motion detection
- ▶ Suitable for Mechanical Factories and Explosive Gas Environment etc.



Panoramic View Cameras:

- ▶ 360°/180° Fish-Eye Panoramic wide angle view Camera
- ▶ Built-in Intelligent Features including Smart & Adaptive Video Motion Detection, Camera Dislocation, Video Tampering, Audio Detection and Privacy Masking
- ▶ Vibration and Shock-resistant Housing
- ▶ IP66 Weather and Ingress Protection
- ▶ Suitable for Road Intersections and Law Enforcement Vehicles



Mid Scale NVR:

- ▶ Up to 36 Channel Camera Input
- ▶ Up to 4 Bay, Maximum Storage Up to 16TB
- ▶ Third-party network cameras supported
- ▶ Simultaneous HDMI, VGA and CVBS output
- ▶ Single Gigabit Network Interface
- ▶ Digital Zoom on live view and playback
- ▶ Supports mobile streaming on Android, Windows and iOS.
- ▶ Supports ONVIF and RTSP Protocols



Large Scale NVR:

- ▶ Up to 64 Channel Camera Input, Rack Mountable Chassis
- ▶ Up to 9 Bay, Maximum Storage up to 36TB
- ▶ Up to 5 Mega pixel (2560×1920) recording resolution
- ▶ Simultaneous HDMI, VGA and CVBS output
- ▶ eSATA interface for recording and archiving
- ▶ Supports ONVIF and RTSP Protocols
- ▶ Dual Gigabit Network Interfaces
- ▶ Digital Zoom on live view and playback
- ▶ Supports mobile streaming on Android, Windows and iOS.



Large Scale Server:

- ▶ 8/16/48 Bays Rack mountable Chassis
- ▶ Scalable upto 98 HDD Bays using JBOD
- ▶ Support Maximum Memory of 512 GB
- ▶ Support SAS/SATA HDD
- ▶ Windows Platform Operating System
- ▶ Redundant Power Supply
- ▶ Single/Dual Controller Card Support
- ▶ Supports 10G & Fiber Channel
- ▶ Customization based on requirement

Mid Scale NAS:

- ▶ 16 Bay Rack Mountable chassis, supports upto 192 drives using a single RAID Head (Max 7 JBODs)
- ▶ Utilities and SDK package for advanced integration
- ▶ N+1 Power supply for redundancy
- ▶ RAID Support of 0,1,5,6,10,50,60
- ▶ Single/Dual Controller Card Support
- ▶ Supports 10G & Fiber Channel
- ▶ Supports SMB/CIFS (Samba), NFS, AFP (Netatalk), SCP & iSCSI Network Protocols
- ▶ Customization based on requirement



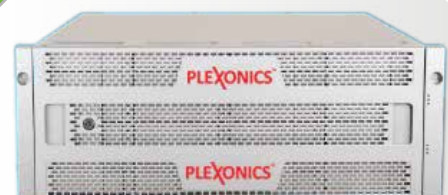
Large Scale NAS:

- ▶ Large scale NAS supports 70 Bays Expandable up to 2240 Bays
- ▶ High speed 24Gbps interconnection for JBOD expansion
- ▶ Optimized for Video Surveillance Recording
- ▶ N+1 Power supply for redundancy
- ▶ RAID Support of 0,1,5,6,10,50,60
- ▶ Single/Dual Controller Card Support
- ▶ Supports 10G & Fiber Channel
- ▶ Supports SMB/CIFS (Samba), NFS, AFP (Netatalk), SCP & iSCSI Network Protocols
- ▶ Customization based on requirement



Large Scale SAN:

- ▶ Scalable, High Performance & Bandwidth 64-bit SAN File System
- ▶ Data path over FC
- ▶ Active-Standby SAN FS metadata server
- ▶ Active-Active RAID controller
- ▶ Multiple clients access shared files, best for sharing and collaboration
- ▶ Optional external NAS extension gateway cluster provides legacy NFS and CIFS protocol access to files
- ▶ Online expansion of data volume
- ▶ Provides intelligent fault detection and notification tool on clients
- ▶ Integration with AD and LDAP for ACL



Network Management Software:

- ▶ Multi level pre-configured and customizable User friendly dashboard
- ▶ Instant Notifications and Alerting Mechanism
- ▶ Database Management and Ease of Provision
- ▶ Data Processing and Performance Management
- ▶ Network Diagnostics and Management
- ▶ Device discovery and Management
- ▶ Map topology and Multi-level Reporting Structure
- ▶ Service Level Agreement and Help desk
- ▶ Logical and Domain views
- ▶ Integrated Asset Management
- ▶ Desktop and Server Inventory Management
- ▶ Heterogeneous Management Platform



Video Management Software:

- ▶ Up to 1024 Channels can be connected
- ▶ 64 Channels view in a single screen
- ▶ Event and Schedule based Recording
- ▶ Date and Time based search for Playback
- ▶ Open API platform
- ▶ E-Map Monitoring
- ▶ Unlimited clients/users support
- ▶ Flash Drive, External USB Storage/Hard Disk, USB DVD-RW, NAS and 3rd Party Backup
- ▶ Dual Streaming Support



Video Analytics Software:

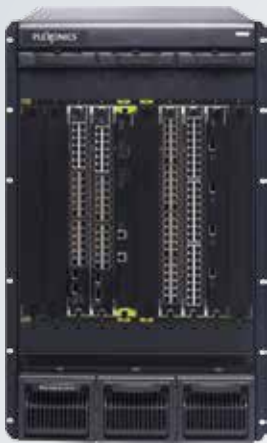
- ▶ Channel Based Software
- ▶ Face Detection
- ▶ Missing Object Detection
- ▶ Line Crossing or Trip Wire Detection
- ▶ Privacy Mask
- ▶ People Counting
- ▶ Tamper Detection
- ▶ Intrusion Detection
- ▶ Email Notification
- ▶ ONVIF Support
- ▶ E-map Feature
- ▶ Customized Alarm Trigger Responses





Layer 2/3 Managed Switch:

- ▶ Multiple Level Port Configuration (24/48)
- ▶ Non-PoE/PoE/PoE+ Models
- ▶ Store and Forwarding Mechanism
- ▶ Dual Stack of IPv4 & IPv6
- ▶ Innovative port-LED Shut-off
- ▶ Ethernet Ring Protection Switching
- ▶ Static Routing, RIP v1/v2, OSPF, BGP
- ▶ Layer3 Forwarding
- ▶ Dual Firmware
- ▶ OAM Technology
- ▶ Max. Back Plane Capacity: 196 Gbps



Chassis based Switch:

- ▶ High Port Availability
- ▶ Dual Management cards
- ▶ Dual Power Supply
- ▶ Multiple Business cards with 1G/10G Port Support
- ▶ Store and Forwarding mechanism
- ▶ Dual Stack of IPv4&IPv6
- ▶ Static Routing, RIP v1/v2, OSPF, BGP
- ▶ Open Flow Protocol
- ▶ MPLS
- ▶ Dual Firmware
- ▶ OAM Technology
- ▶ Max. Back Plane Capacity: 2.4 Tbps



Data center Switches:

- ▶ High Port Availability with 1G/10G/40G Support
- ▶ Dual Power Supply
- ▶ Dual Stack of IPv4 & IPv6
- ▶ Static Routing, RIP v1/v2, OSPF, BGP
- ▶ Open Flow Protocol
- ▶ Data center Feature Support
- ▶ MPLS Support
- ▶ Max Back Plane Capacity: 10.24 Tbps



Indoor wireless Access Point:

- ▶ Single and Dual band Technology of IEEE 802.11b/g/n, IEEE 802.11a/b/g/n, IEEE 802.11ac
- ▶ PoE Support
- ▶ Integrated/External Antenna types
- ▶ High Performance RF Characteristics
- ▶ Intelligent load balancing mechanism
- ▶ Wireless intrusion detection and defence
- ▶ Comprehensive support for IPv4/v6 dual-stack networks
- ▶ Fit and Fat modes
- ▶ Automatic AP version upgrade
- ▶ Real-time spectrum protection
- ▶ Dual-OS Backup Mechanism



Outdoor wireless Access Point:

- ▶ Single and Dual band Technology of IEEE 802.11b/g/n, IEEE 802.11a/b/g/n, IEEE 802.11ac
- ▶ PoE Support
- ▶ Integrated/External Antenna types
- ▶ High Performance RF Characteristics
- ▶ Intelligent load balancing mechanism
- ▶ Wireless intrusion detection and defence
- ▶ Comprehensive support for IPv4/v6 dual-stack networks
- ▶ Fit and Fat modes
- ▶ Automatic AP version upgrade
- ▶ Real-time spectrum protection
- ▶ Dual-OS Backup Mechanism
- ▶ IP66 Weather Protection



Wireless Controller:

- ▶ Supports Multiple Gigabit/Ethernet Ports, Maximum 24#
- ▶ Number of manageable APs ranging from 64 to 1024
- ▶ Supports L3 Protocols of Static routing, RIP v1/v2, OSPF, BGP
- ▶ High-reliability Backup Mechanism
- ▶ End-to-end QoS
- ▶ High-density access ports and smart wired/wireless control and forwarding architecture
- ▶ Wireless intrusion detection and defence
- ▶ Operation-level permission management mechanism
- ▶ Secure user admission
- ▶ Multiple management modes and uniform management platform



Copper Cable and Accessories:

- ▶ Different types of cables such as UTP/STP/SFTP
- ▶ Categories of Cat5e/Cat6/Cat6e
- ▶ 90° and 180° Keystone Jacks
- ▶ Single/Dual/Quad Face Plates with Shutter
- ▶ 86*86 Back box
- ▶ Patch Panels with Multiple Port Configuration and Shutter
- ▶ Factory crimped Patch Cords with different lengths

Fiber Cable and Accessories:

- ▶ Single mode and Multimode types
- ▶ Armoured and Unarmoured constructions
- ▶ Multiple cores from 2,4,6,12,24,48
- ▶ 6/12/24 Port Fiber Patch Panel
- ▶ Fiber Patch Panel accommodates different types of connectors such as SC/LC/ST/MTRJ/FC
- ▶ Different types of connectors (SC/LC/ST/MTRJ/FC)
- ▶ Different lengths and types (SC/LC/ST/MTRJ/FC) of Pigtails
- ▶ Different lengths and types (SC/LC/ST/MTRJ/FC) of Patch Cords



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