

PRODUCT SOLUTIONS BRIEF

COMMSCOPE

HIGHER EDUCATION STUDENT EXPERIENCE



Through our strong global partnerships and alliances with manufacturers such as CommScope, we are able to present you with the following offering to meet your specific campus requirements.

ION®-E Unified Wireless Infrastructure

CommScope's ION-E Series flattens the infrastructure onto a single physical layer while simplifying the design, deployment and operations of in-building wireless systems. The unified wireless infrastructure helps operators maximize the use of existing and future IT cabling infrastructure. ION-E transports capacity to wherever it's needed in real time by using a software-defined switch and distribution method. The system's simplicity reduces the total cost of ownership and makes the system commercially viable in small, medium and large facilities.



ION-E universal access point

CHALLENGE SOLVERS

- Unified wireless infrastructure delivers a more flexible network, making it easy to deploy, configure and optimize in-building wireless solutions quickly and cost-effectively.
- The revolutionary solution simplifies the inherent complexities involved in deploying in-building wireless systems while addressing current and future needs of wireless operators, building owners and tenants.
- The system leverages options that are more affordable and available with the use of Category 6A copper and multimode or single-mode fiber cabling.
- Existing infrastructure cabling solutions work seamlessly and reliably with the ION-E platform.

THE ANIXTER APPROACH

- **Network Accessibility**
Apply designs to accommodate performance requirements and overall cellular coverage on your campus.
- **Personalized Communication**
Simplify individual communication between students, faculty and staff to increase satisfaction and learning outcomes.
- **Visual Engagement**
Capture the attention of students, faculty and staff and deliver vital information through digital signage, mass notification and other professional A/V solutions.
- **Data Resources**
Ensure smooth access to various cloud-based academic and administrative resources around campus.

THE COMMSCOPE SOLUTION

WCS UNIT	SUBRACKS	POWER SUPPLY
2U 4U	CAN (central area node) e-POI (ION-E point of interface) TEN (transport expansion node) UAP (universal access point)	12 V DC 57 V DC

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COMMSCOPE®

WHAT WE HEAR

Challenges from the various higher education stakeholders are:



Supporting a **BYOD** environment



Ensuring **ACCESS TO CONTENT** and data



Increasing **STUDENT OUTCOMES** with technology



Increased competition in **STUDENT RECRUITMENT**



Supporting **INNOVATIVE LEARNING** methods

Infrastructure as a Platform
by Anixter

Infrastructure as a Platform by Anixter provides a practical, configurable and integrated approach to support an empowered learning environment on your campus.

CONFIGURE

We help you discover and map your specific needs to the best solution.

- Transport media
- WCS subracks
- Universal access point
- UPS

BUNDLE

Your validated, preconfigured solutions are packaged and site ready.

- Information outlets
- Fiber connectors
- CommScope cords
- imVision®

DEPLOY

Controlled, repeatable solutions are delivered on time and under budget.

- Custom packaging and labeling
- Time-sensitive delivery options
- Staged project shipping
- Tailored last-mile delivery

COMMSCOPE ION-E FEATURES

✓ ENABLES COLLABORATIVE BUSINESS COMMUNICATION

- The UAP is connected to the system via Category 6A cabling that also supports a 1G pass-through for Wi-Fi, IP cameras or other 1G Ethernet devices.
- UAP we reduced the BW to start at 600MHz (instead of 380MHz).
- MCC stands for mobile country code not mobile network code

✓ PROVIDES SEAMLESS NETWORK AVAILABILITY

- Switch units are configurable with five universal cards to support all transport options.
- A small set of frequency-independent building blocks is all that is required for complete flexibility and scalability for any size building.
- Gigabit Ethernet back-haul over common infrastructure means no separate cables or hardware are required.



The central area node provides server-level control and primary signal distribution.

> FOR MORE DETAILS VISIT ANIXTER.COM/SHOPCOMMSCOPE

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Legal Statement: anixter.com/legalstatement

At Anixter, we enable the connected world. By building, connecting, protecting and powering valuable assets and critical infrastructures, we help to sustain and grow businesses and communities worldwide. We accomplish this by offering full-line solutions, technical intelligence, supply chain expertise and an unmatched global distribution network.

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