Wireless
Fiber Optic
Secure WAN
Remote Power
Ethernet Switches
IP over Coax & UTP
Mobile Surveillance

KBC Transmission & Remote Power Products

KBC
data delivered

25 YEARS
KBC NETWORKS
TRIED · TESTED · TRUSTED

www.kbcnetworks.com

Rev2403NA

KBC
data delivered

Transmission for a wide range of applications and markets

KBC industrial products are built to perform in non-conditioned environments, featuring wide operating temperatures and hardened casings.

Applications

- CCTV & surveillance
- Security
- Intelligent Transport Systems (ITS)
- Telemetry & SCADA
- Industrial control
- Access control systems
- Remote video, voice & data transmission
- Building & site management

Verticals

- Town & city center
- Transportation
- Critical National Infrastructure
- Petrochemical
- Power & utilities
- Government agency
- Military systems
- Counter-terror
- Homeland security
- Remote data
- Emergency services
- Commercial & retail
- Residential

KBC designs and delivers tried, tested and trusted transmission, remote power & mobile solutions for your application.

 KBC data delivered

ThruLink

ThruLink: Industrial VPN for encrypted and secure WAN transmission

- Transmits IP signals over any type of WAN/LAN
- Embedded 4G/LTE version for streaming secure live video from vehicles
- Supports meshed networks; flexible & scalable
- Supports FIPS, Blowfish, AES & Camellia encryption, up to 256 bit
- Auto-reconnects if the network connection fails, multiple failover.

Media Converters: maximum flexibility provided through multiple options

- 10/100/1000Mbps media converters, Single mode and multimode
- PoE & SFP options available
- Compact size, Industrial rating
- Mounting configurations include Wall, DIN Rail & 2U High Rack Chassis options

eCopper™

EoC/EoU — eCopper™ — a simple way to transmit Ethernet over Coax or UTP

- 1,4,8 and 16 Channel models
- Transmit up to 1,200 Feet PoE+
- Transmit up to 2,600 Feet PoE
- Current protection
- POC Management

Switches: Managed and Unmanaged, PoE, PoE+, PoE++, Daisy Chain & Ring Configuration

- Feature Rich
- Reliable High Performance
- Rugged IP40 Design
- Easy to Configure
- Supports ERPS
- Wide range of industrial SFPs available

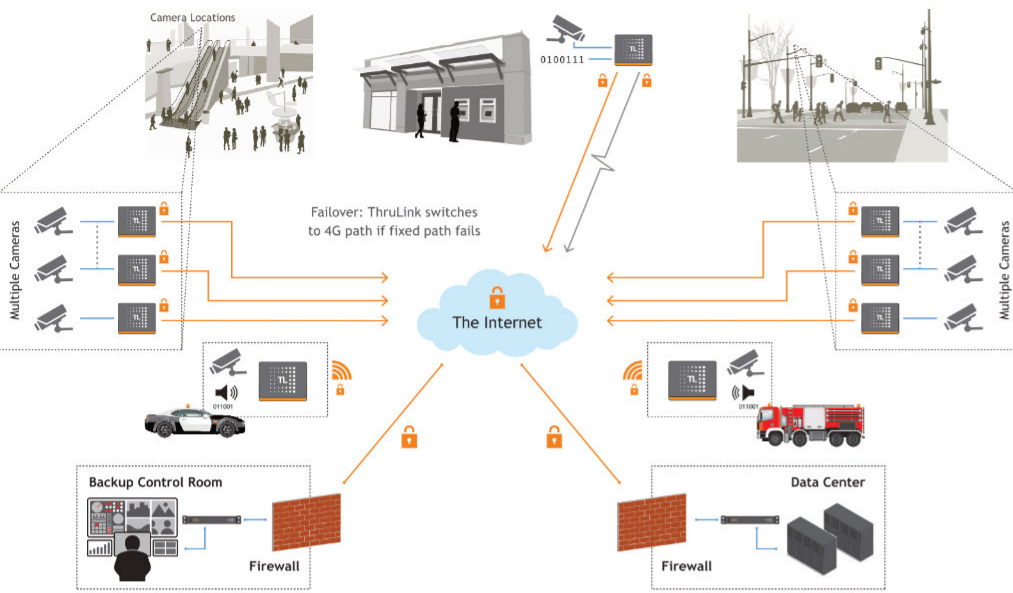### Remote Power & Mobile Surveillance

A full range of solar, wind and remote power solutions including UPS, power kits, power supplies & accessories

- AL2/AL5 Off-Grid power
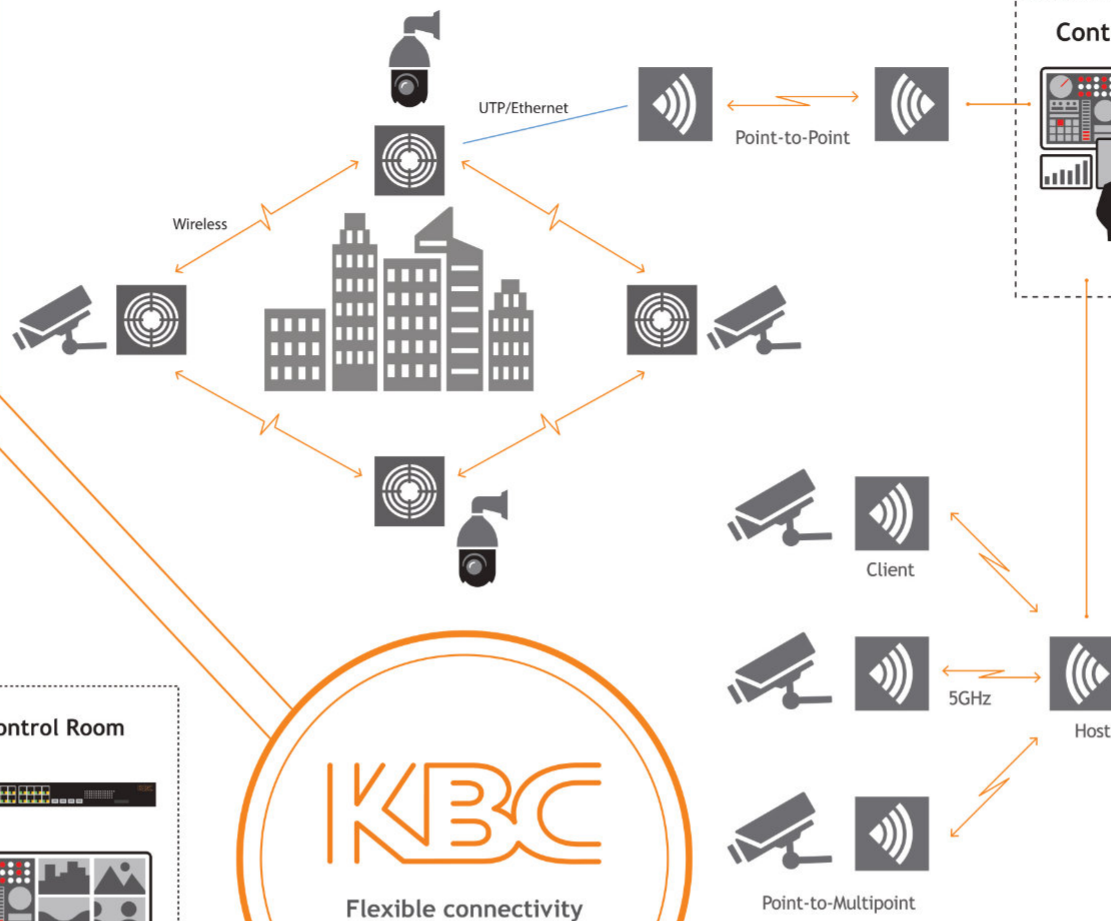- UAL2/UAL5 Backup Power 24/7
- MSS Temporary Surveillance

Wireless

WES4 & WES4HTG Point to Point, Point to Multi-Point and Omni-directional

- WES4HTG — gigabit wireless 650 Mbps directional throughput
- WES4 — standard 400 Mbps throughput — versatile and easy setup
- Feature rich enhanced firmware
- 25 years of secure, reliable no-dig solutions
- Simple to use kit packaging

Fiber Optic

A full line of Digital Standard and ASFOM fiber optic products

- Digital Standard — building blocks for point to point video, audio and data transmission
- ASFOM — Application Specific Fiber Optic Modules — custom configurable for the most demanding applications
- Wide range of industrial SFPs available

Secure transmission over public networks
Encrypted transmission over the Internet, 3G/4G/LTE

Camera Locations

Multiple Cameras

0100111

Failover: ThruLink switches to 4G path if fixed path fails

The Internet

Multiple Cameras

TL

011001

011001

Backup Control Room

Firewall

Data Center

Firewall

Ethernet switches

Fiber

Control Room

Multiple Cameras

Media Converter Applications
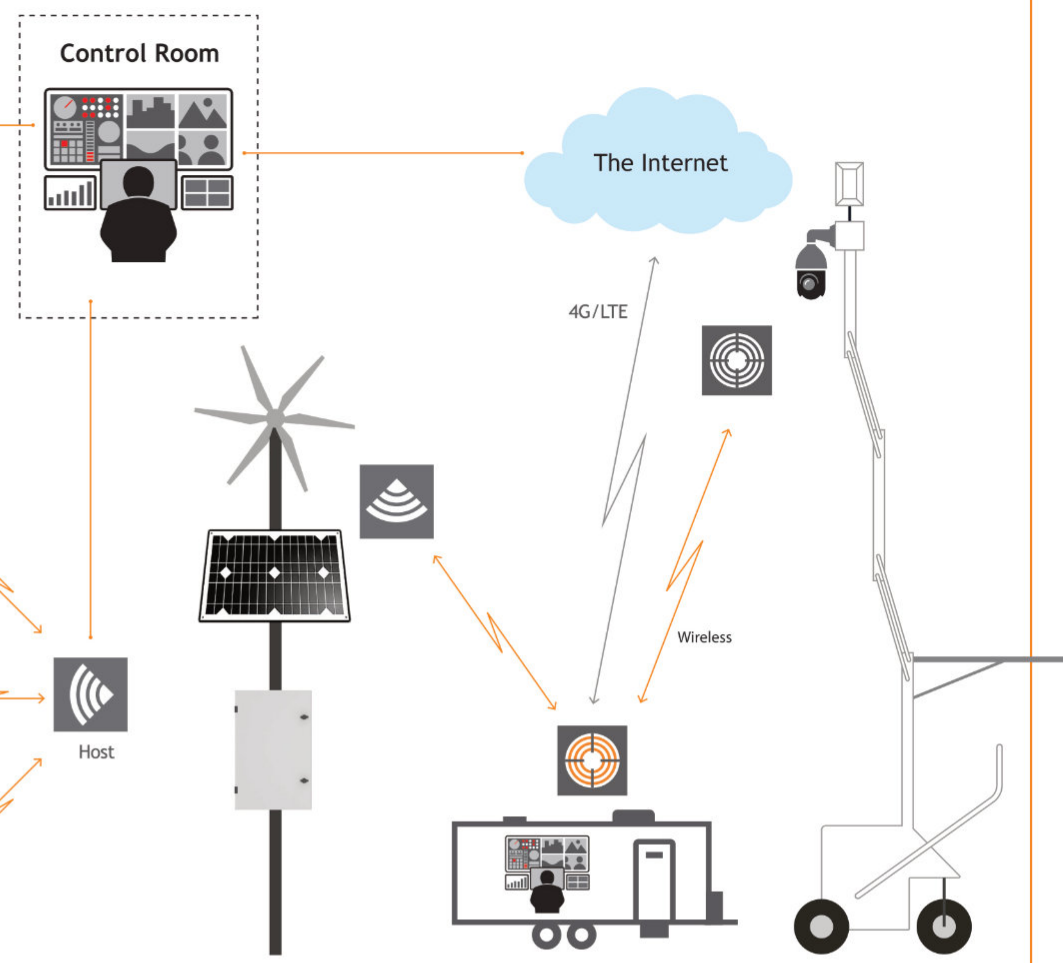
ESUMN8-P2-B
Full SFP Switch

Fiber

UTP/Ethernet

Wireless transmission
Point-to-point, point-to-multipoint, mesh & 4G/LTE

UTP/Ethernet

Point-to-Point

Wireless

Client

5GHz

Host

Point-to-Multipoint

Control Room

Fiber

UTP/Ethernet

Ethernet over Coax (EoC) Applications

up to 4

Coax   (UTP units available)
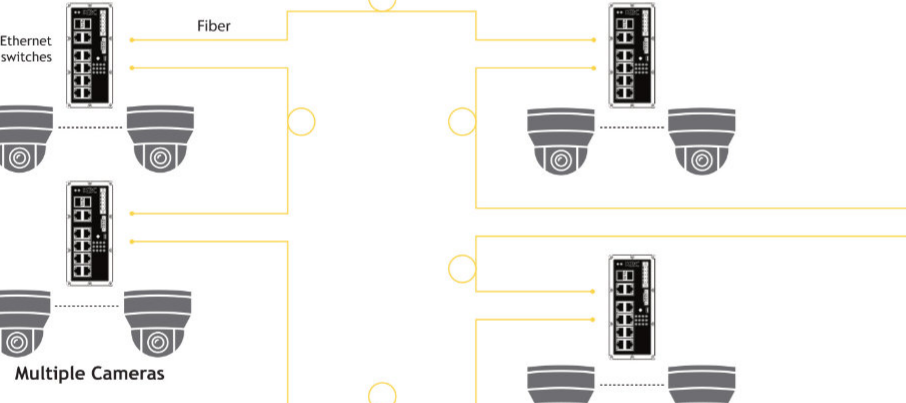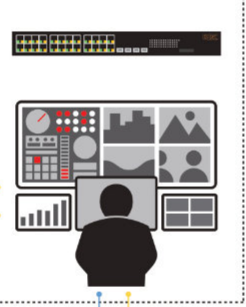
up to 16

*Also available as Ethernet over Twister Pair (EoU)

Remote power solutions
Solar, wind, UPS & PoE power kits

Control Room

The Internet

4G/LTE

Wireless

KBC
Flexible connectivity for commercial, industrial & government networks

Up to 40 miles transmission distance
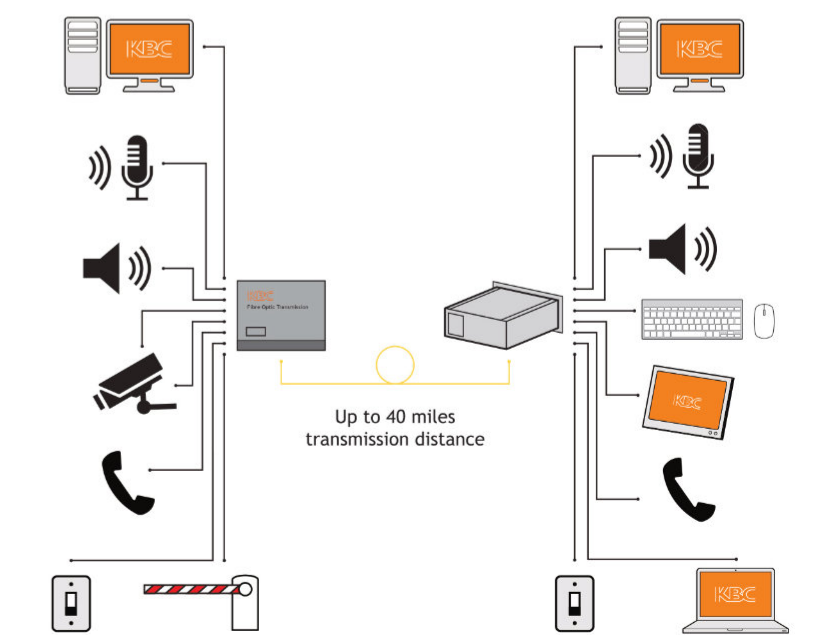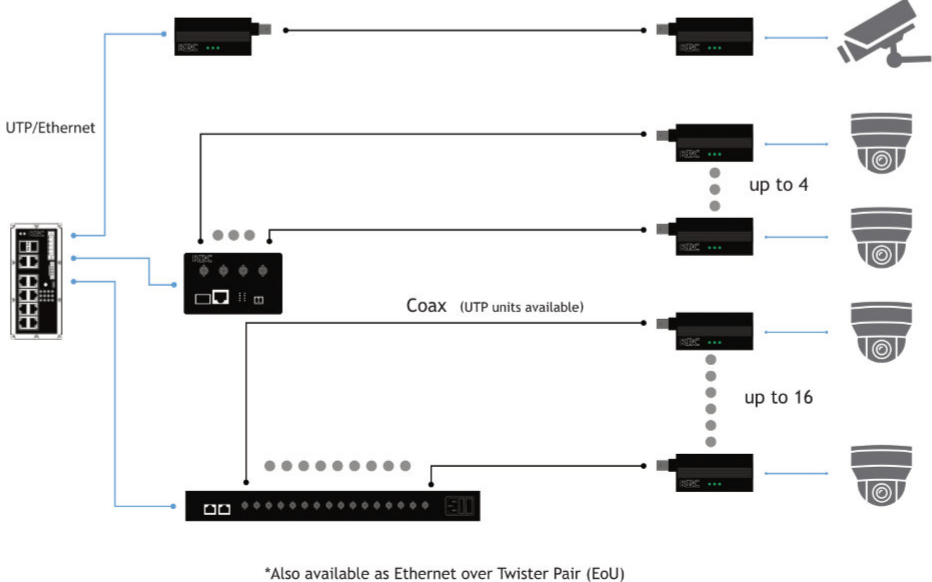
IP transmission
Ethernet switches, media converters, encoders & decoders, Ethernet extenders, SFPs, and 4G/LTE

Fiber optic transmission
Video, audio, data, contact closure, Ethernet, telephone, DVI, HD-SDI, 3G-SDI, USB

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Integrity

Maintaining close, individual relationships with our customers and partners is our top priority. Everything we do as a company—and as individuals—is handled with complete integrity and respect.

Service

Superior service and support is a critical component of our business. We believe that successful network and system performance rely on accurate design and correct installation, so our technical and sales teams provide product support throughout the lifecycle of every project. Please contact us for customised pre-sales and technical support.

Quality

Reliability and high performance are at the core of our design, engineering and manufacturing processes. KBC is proud to offer products and services that go above and beyond recognized international standards.

More Products

We've included our major product groups in this brochure. For further detail about the complete range, please visit our website: www.kbcnetworks.com, or call your local representative

Better Installation

We spend time thinking about our products so you don't have to. KBC products are designed for straightforward set-up; simple analysis and minimal maintenance.

Greater Performance

Our products are built to perform in commercial and industrial environments. Our industrial ranges feature extended operating temperatures and industrially-hardened casings to withstand temperature extremes and the rigours of industrial and outdoor environments.

North America

KBC Networks
32409 Calle Perfecto
San Juan Capistrano, CA 92675
USA
Phone: +1 949 503 3470
Toll Free: +1 888 366 4276
info@kbcnetworks.com

Latin America & Caribbean

KBC Networks
Eclipse 2679A
Jardines Del Bosque
Guadalajara, Jalisco
Mexico 44520
Phone: +52 33 3148 3286
latam@kbcnetworks.com

Europe, Middle East & Africa

KBC Networks
7 Sylvan Court
Sylvan Way, Basildon
SS15 6TH
UK
Phone: +44 (0) 1553 600001
emea@kbcnetworks.com

Asia Pacific

KBC Networks
81 Nan Xijiang East Road
Room 919
Nanjing, Jiangsu 210019
China
Phone: +86 25 5882 1656
apacinfo@kbcnetworks.com

www.kbcnetworks.com