

## SELECTING AN FTT<sub>x</sub> ETHERNET PRODUCT FOR YOUR NEXT PROJECT

Use the selection table on page 2 to quickly narrow your search for an FTT<sub>x</sub> product. Below are a few helpful questions to help narrow your selection.

- **Does the application require a Managed Device with robust features?**
  - On-board logic – eliminates the need for separate management module.
  - Support for applications requiring network monitoring, VLANs, bandwidth limiting.
- **Does the application require Host/Remote Configuration?**
  - Reduces the number of IP addresses needed.
  - Reduces truck rolls.
- **What Data Speeds are required?**
  - 10/100Mbps?
  - 10/100/1000Mbps?
- **What type of fiber is needed?**
  - First, choose between Multi-mode or Single-mode fiber types.
  - Then, choose your fiber connectors, SC, LC or SFP form factor.
  - SFPs offer flexibility; Advantech B+B SmartWorx SFP ports are not proprietary.
- **How many Ethernet Ports does the application require?**
  - Does it make sense to select an FTT<sub>x</sub> device in a modular form factor for future expansion?
  - Does it make sense to select an FTT<sub>x</sub> device that supports Gigabit speeds for future bandwidth requirements?
- **Review your Mounting, Temperature or Power requirements.**
  - Does the application require a compact form factor or a modular format? Mounting options depend on which one.
  - What are the temperature requirements for the application?
  - How will the unit be powered – AC, DC or 48VDC (Telco)?
- **Once you have an FTT<sub>x</sub> device selected, you should ask just a few more questions.**
  - Do you have all the accessories needed to make all the connections?
  - Patch Cords, Power Supplies, chassis, Optional Mounting Hardware and Fiber connectors make the top of the list.
  - When do you need product samples for proof of concept and full production?



### ABOUT SNMP MANAGEMENT & FTT<sub>x</sub> "FIBER TO THE X" SOLUTIONS

FTT<sub>x</sub> (Fiber to the cabinet, customer premise or desktop) indicates that intelligent devices are deployed at the end point of the fiber.

FTT<sub>x</sub> devices provide enhanced management information via SNMP, but also allow for traffic grooming/identification via VLANs, bandwidth/rate limiting and system alarms when remote fault conditions occur.







Fiber offers security, reliability and bandwidth. Available in a fixed form factor for SM, MM or SSF, an SFP version is also available.

### PRODUCT ASSISTANCE

If you need product selection assistance, contact Advantech B+B SmartWorx technical support online.

# FTTx MANAGED DEVICES

| PRODUCT SELECTION GUIDE | (continued)

Single-Port Options				Multi-Port Options		
Family Series:	 <b>IE-MiniFiberLinX-II</b>	 <b>iMcV-FiberLinX-II</b>	 <b>iMcV-Giga-FiberLinX-III</b>	 <b>AccessEtherLinX/4</b>	 <b>IE-MultiWay</b>	 <b>IE-iMcV-MultiWay</b>
<b>FUNCTION</b>						
10/100 Base	✓	✓	-	✓	-	-
10/100/1000 Base	-	-	✓	-	✓	✓
<b>PORTS</b>						
Total Ports	2	3	3	5	4	4
Fiber Option	1x9	1x9, SFP	SFP	1x9	SFP	SFP
Copper Ports	1	1	2	4	2	2
<b>SPECIFICATIONS</b>						
MTU (bytes)	1916	1916	10240	1916	10240	10240
Temperature	0 to +50°C, AC adapter -45 to +85°C, DC TELCO -35 to +70°C, DC power	0 to +50°C	0 to +50°C	0 to +50°C	-10 to +50°C, AC adapter -40 to +85°C, DC power	Chassis Required, MediaChassis or other chassis series
Last Gasp	✓	✓	-	-	✓	✓
Power	DC TB, AC adapter	Chassis required, AC and DC	Chassis required, AC and DC	Stand-alone, AC only	AC power brick, DC TB	Chassis required, AC and DC
DIN/Panel Mount	✓	-	-	-	✓	-
<b>MANAGEMENT</b>						
VLANs	✓	✓	✓	✓	✓	✓
SNMP V1/2c	✓	✓	✓	✓	✓	✓
Bandwidth Configuration	✓	✓	✓	✓	✓	✓
Host/Remote Capabilities	Remote or Standalone. Can be paired with a Host iMcV-FiberLinX-II	Host, Remote, or Standalone. As a Host, can be paired with another iMcV-FiberLinX-II, IE-MiniFiberLinX-II, or an AccessEtherLinX/4	Host, Remote or Standalone. Can be paired with another iMcV-Giga-FiberLinX or Giga Access-EtherLinX when in Host/Remote mode.	Remote or Standalone. Can be paired with an iMcV-FiberLinX-II.	Remote or Standalone. Can be paired with an iMcV-Giga-FiberLinX-III.	Remote or Standalone. Can be paired with an iMcV-Giga-FiberLinX-III.

NOTES:  
 \* Last Gasp TRAP feature is model specific.  
 Please refer to the website for latest versions of firmware and software iView2.