

TPMC-V12 & TPMC-V15

V-Panel™ Integrated 12" & 15" Touchpanels

1 Introduction

Crestron® V-Panels™ represent a fresh approach to touchpanel design, offering whole new levels of style, versatility and the latest Crestron digital touchpanel technology. The TPMC-V12 and TPMC-V15 both feature a fully integrated design combining the touchpanel display and graphics engine in a single, slim housing. Sleek and beautiful, the TPMC-V12 and TPMC-V15 are perfectly at home sitting on a contemporary table or desktop but are equally suited for all kinds of custom installations, thanks to integral VESA mount capability.

For advanced setup information and operational details, refer to the latest version of the TPMC-V12 & TPMC-V15 Operations Guide (Doc. 6940), which is available from the Crestron Web site (www.crestron.com/manuals).

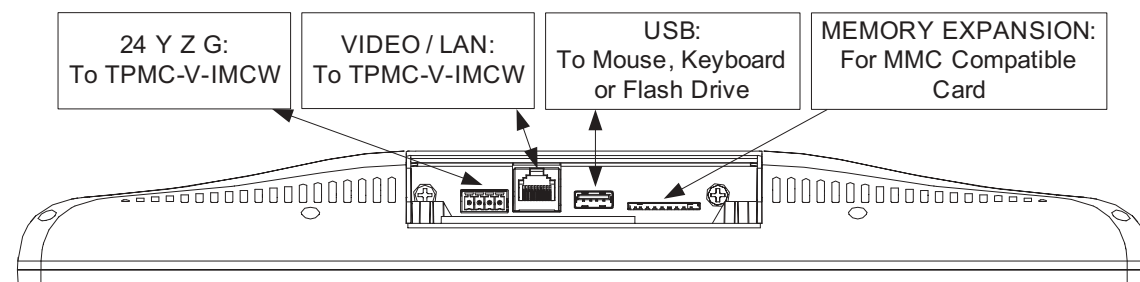
2 Hookup

The TPMC-V12 and TPMC-V15 can be connected using the included TPMC-V-IMCW interface module or (if the video inputs provided by the TPMC-V-IMCW are not needed) they can be connected directly to a Crestron control system (sold separately).

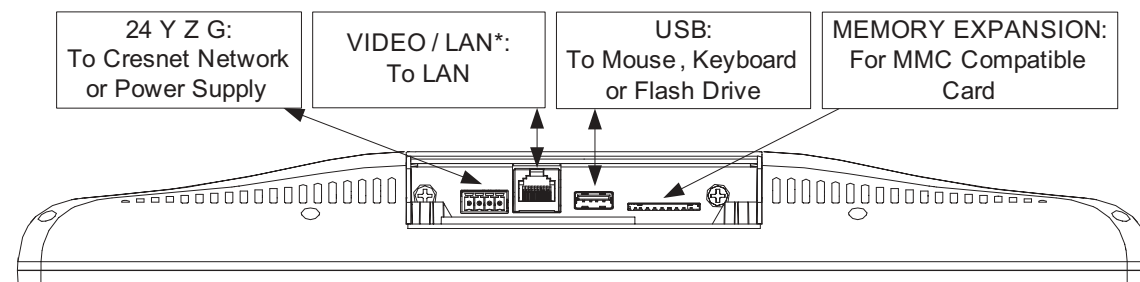
For additional information on the interface module, refer to the latest version of the TPMC-V-IMCW Installation Guide (Doc. 6939).

Make the necessary connections to the TPMC-V12 or TPMC-V15 as called out in the illustration below. Apply power after all connections have been made.

Hardware Connections for TPMC-V12 and TPMC-V15 Using TPMC-V-IMCW (TPMC-V15 Shown)



Hardware Connections for TPMC-V12 and TPMC-V15 Without Using TPMC-V-IMCW (TPMC-V15 Shown)



* Negates video connectivity

NOTE: Direct connection of the TPMC-V12 or TPMC-V15 to a Cresnet power source and Ethernet LAN, without the use of the TPMC-V-IMCW, negates video connectivity.

NOTE: For wiring between the TPMC-V12 and the interface module, use a TPMC-V-CBL-S Siamese Cable, CresCAT, CresCAT-D-HP, CresCAT-QM, DM-CBL or quality CAT5e/CAT6. CAT5e/6 requires an additional CRESNET or CRESNET-HP for Cresnet and power or else a single wire pair for power only. The maximum length for CRESNET-D-HP, CAT5e/6 + CRESNET-HP or CAT5e/6 +14 AWG power wire is 330 feet (100 meters) minus the length of any Ethernet cable connected to the LAN jack on the rear of the interface module. The maximum length for CresCAT, CresCAT-QM, DM-CBL, CAT5e/6 + CRESNET or CAT5e/6 +18 AWG power wire is 155 feet (47 meters) minus the length of any additional Ethernet cable beyond 175 feet (53 meters).

NOTE: For wiring between the TPMC-V15 and the interface module, use a TPMC-V-CBL-S Siamese Cable, CresCAT, CresCAT-D-HP, CresCAT-QM, DM-CBL or quality CAT5e/CAT6. CAT5e/6 requires an additional CRESNET or CRESNET-HP for Cresnet and power or else a single wire pair for power only. The maximum length for CRESNET-D-HP, CAT5e/6 + CRESNET-HP or CAT5e/6 +14 AWG power wire is 330 feet (100 meters) minus the length of any Ethernet cable connected to the LAN jack on the rear of the interface module. The maximum length for CresCAT, CresCAT-QM, DM-CBL, CAT5e/6 + CRESNET or CAT5e/6 +18 AWG power wire is 148 feet (45 meters) minus the length of any additional Ethernet cable beyond 182 feet (55 meters).

Refer to section 3 "Applications" on the reverse side of this Quickstart for illustrations that provide visual guidance in connecting your TPMC-V12 or TPMC-V15.

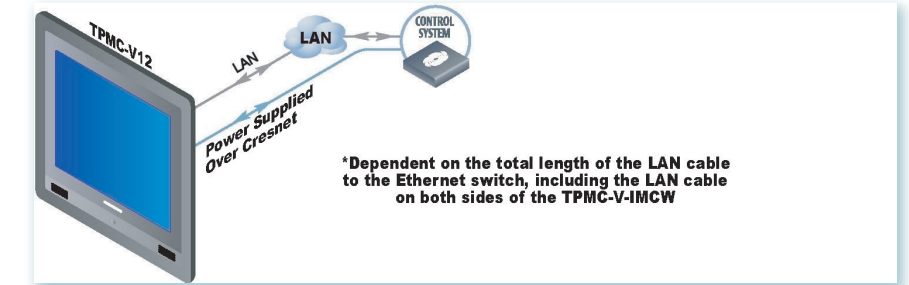
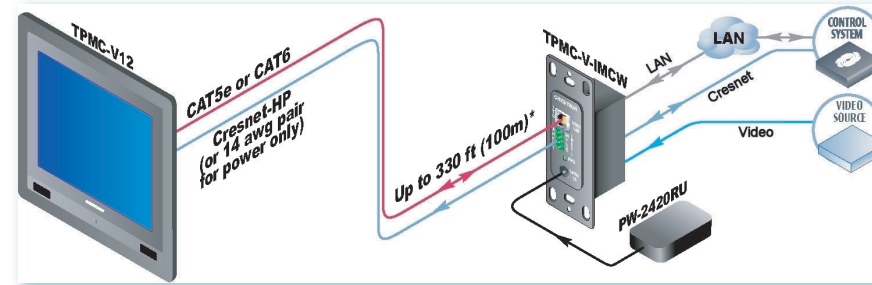
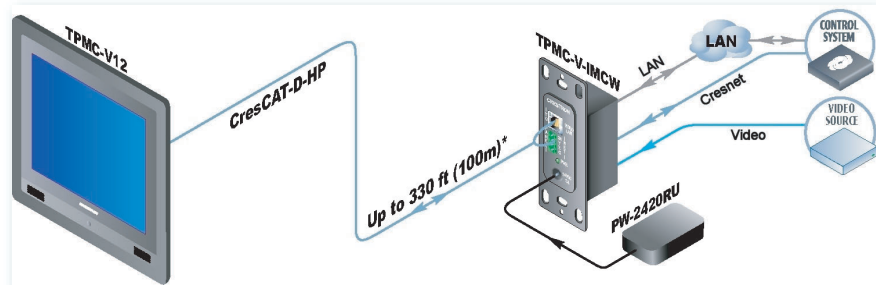
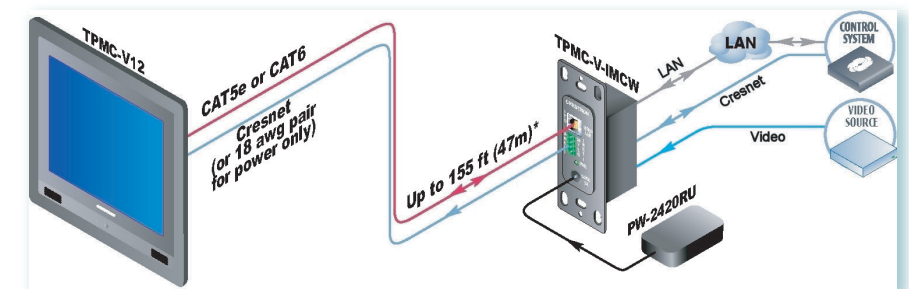
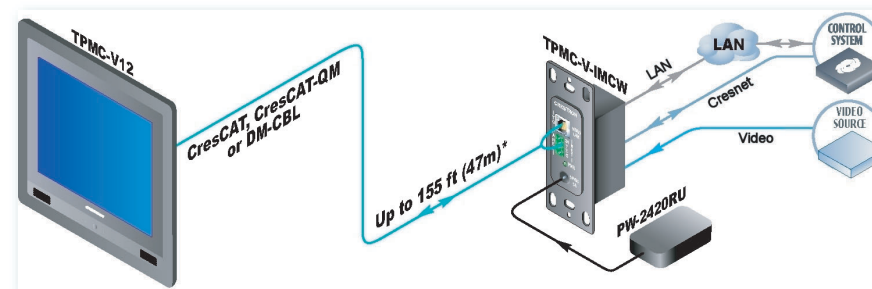
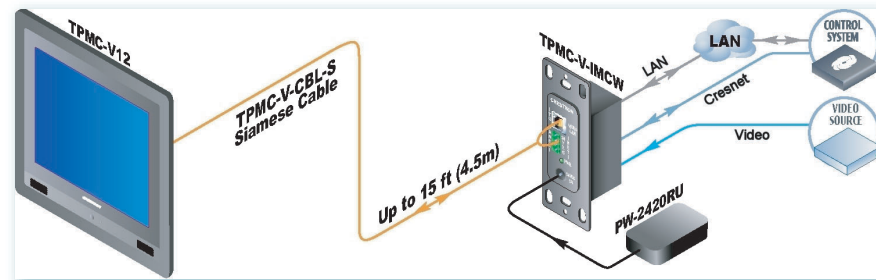
TPMC-V12 & TPMC-V15

V-Panel™ Integrated 12" & 15" Touchpanels

3 Applications

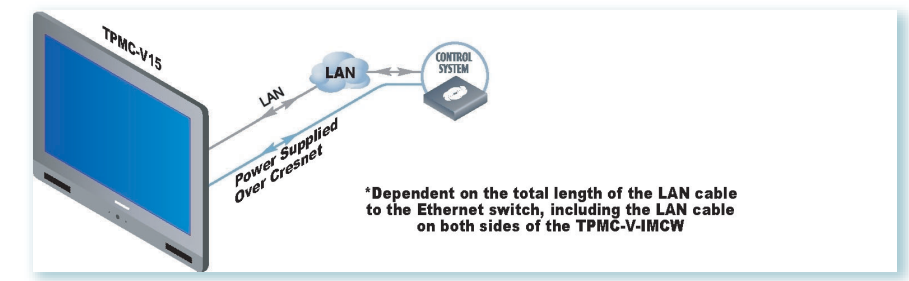
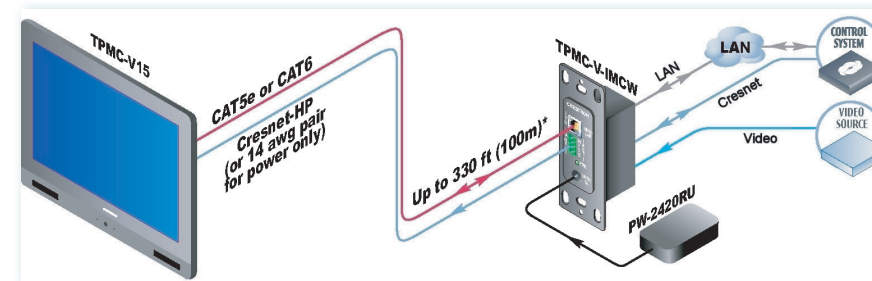
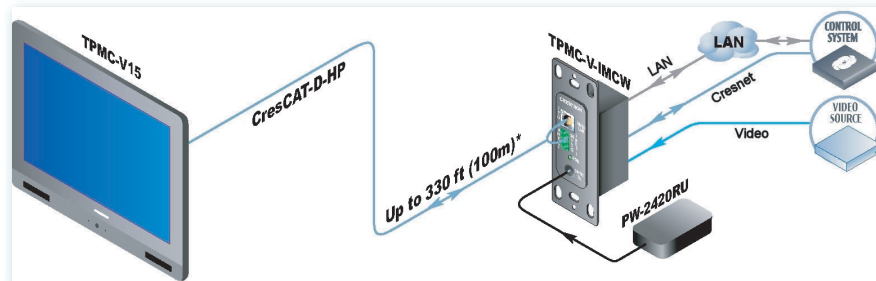
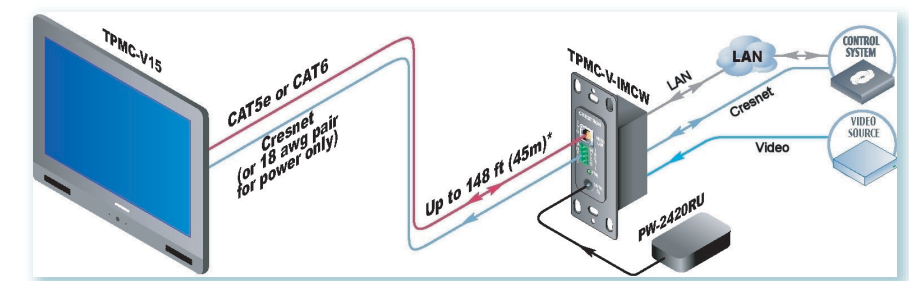
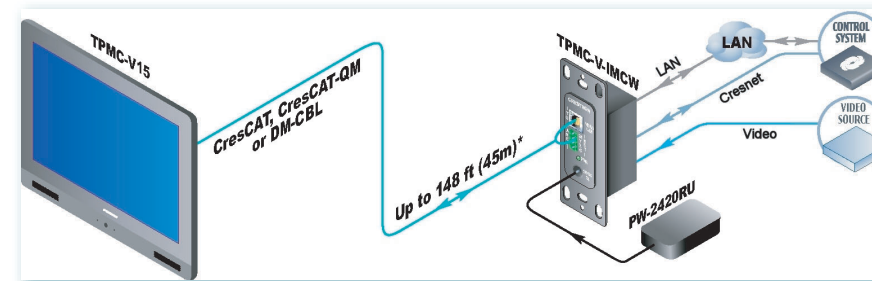
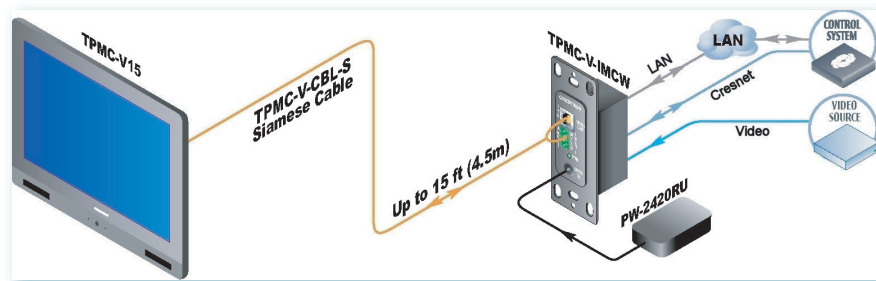
The following diagrams show a TPMC-V12 in a typical application.

TPMC-V12 Applications (Each Diagram Varies with LAN Cable Length)*



The following diagrams show a TPMC-V15 in a typical application.

TPMC-V15 Applications (Each Diagram Varies with LAN Cable Length)*



Color Key ● Video ● CAT5e/CAT6 ● TPMC-V-CBL-S ● CRESCAT ● LAN ● DM-CBL