

## TFP-1214

4 Loop Intelligent Addressable Fire Alarm Panel



TFP-1214 Intelligent Addressable Fire Alarm Panel uses unique FLASHLINK protocol for loop communication which created by Teknim engineers. Supports 4 loop, 127 devices per loop and network up to 16 control panels. It offers stable and reliable solutions for working in harsh environments.

TFP-12XX Fire Alarm Panels are designed in accordance with European Standards which supports EN54-2 and EN54-4 Certificates.

TFP-1214 comes with an LCD graphic display onboard to easily understand the error and alarm warnings and to make all the settings of the device. TFP-1214 also supports built-in LAN network connection which allows local or remote configuration / monitoring by Teknim TFY-100 configuration software and Mosaic monitoring software.



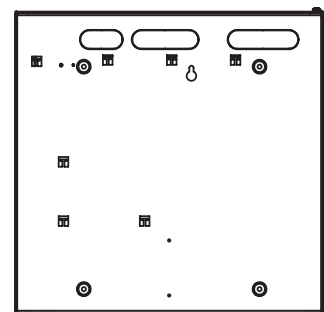
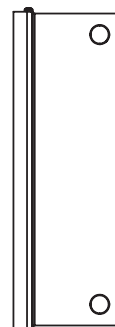
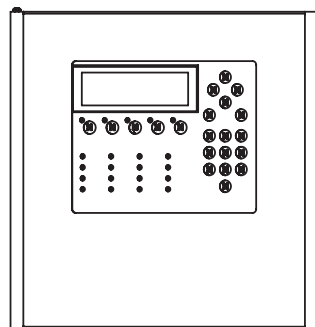
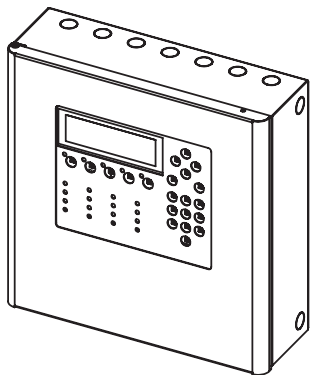
## TFP-1214

4 Loop Intelligent Addressable Fire Alarm Panel



### GENERAL FEATURES

- EN 54-2 and EN 54-4 Certified
- Technician and user friendly; easy to install, programming and operation
- Supports 4 Loop
- Supports 127 Devices per Loop and totally 508 Devices in a single Panel
- Supports up to 72 Zone
- Cable distance up to 2,5 Km per loop
- Network up to 16 Control panels via RS-485 by TFC-1209 Network Module
- Up to 8.128 devices and 1.152 zones by network (Using optional TFC-1209 Network module)
- Easy to read, 240\*64 wide LCD graphic display and user-friendly interface
- Display customize with company logo, contact information, images, etc.
- Same level of accessibility and command sending to all panels via peer-to-peer communication network
- Supports uninterrupted and reliable loop communication by FlashLink communication protocol
- Advanced panel programming and user-friendly system configuration via TFY-1000 software
- Supports Repeater panels TFP-1240
- Supports 12.000 events of alarms, errors, and warnings
- Supports 2x independent and monitored siren output. Connection up to 50 conventional sirens without external supply. (If used with Teknim TFS-3192 siren).
- Detailed voltage/current information of the panel and loop on the LCD display
- Night/Day operation mode
- Supports Class A and Class B connections, thus new devices can be easily included in the loop via star connection in mandatory cases required for the Project
- Multiple language support



# TFP-1214

## 4 Loop Intelligent Addressable Fire Alarm Panel Technical Specifications



| General                             | TFP-1214  |
|-------------------------------------|---|
| Standard                            | EN54-2/4  |
| Ethernet (TCP/IP)                   | YES (Onboard)   |
| Multiple Language                   | Yes   |
| Display                             | 240x64 LCD  |
| Programming                         | Through Control Panel or via TFP-100 Software   |
| <b>Loop Information</b>             |   |
| Loop                                | 4   |
| Number of Devices Supports Per Loop | 4   |
| Total Device Support                | 127   |
| Number of Zones                     | 72  |
| Cable Distance                      | J-Y(St)Y...Lg<br>1000mt @ 0,8mm (@250 mA)<br>2000 mt @ 0,8mm (@75 mA)<br>2000 mt @ 1,5mm (@250 mA)<br>2500 mt @ 2mm (@250 mA) |
| <b>Network</b>                      |   |
| Protocol                            | Yes   |
| Max. Panel Network                  | 16 (TFC-1209 Network Card Needed)   |
| <b>Mechanical</b>                   |   |
| Dimensions (mm)                     | 385 x 380 x 130 mm  |
| Body Material and Color Options     | Metal Light Grey – TFP-1214 Red – TFP-1214R   |
| Weight                              | 6,5 Kg  |
| <b>Environmental</b>                |   |
| Operating Temperature               | -10°C ~ 55°C  |
| Humidity                            | 95% RH  |
| Protection Class                    | IP30  |
| <b>Power</b>                        |   |
| Power                               | 230 / 110 VAC (+%10 / -%15)   |
| Frequency                           | 50 / 60 Hz (±%5)  |
| Fuse                                | 6A  |
| Battery                             | 3 x 1,5mm <sup>2</sup>  |
| Imin                                | 130 mA  |
| ImaxA                               | 1A  |
| ImaxB                               | 1,5A  |
| <b>Outputs</b>                      |   |
| Monitored Sounder Output            | 2   |
| Sounder Output                      | 500 mA  |
| Sounder EOL                         | 4K7Ω  |
| General Fault Relay                 | 1X NC/NO, 30V – 2Ah   |
| Alarm Relay                         | 1X NC/NO, 30V – 2Ah   |
| AUX                                 | 1 X 24VDC   |