

ARGUS® Selective Through Mode (4x/5x OPM)

for all GPON and XGS-PON interfaces

In addition to the selective 2x or 3x PON power meter, a 4x or 5x OPM with through mode is also available for our ARGUS® testers. The selective 4-fold powermeter can be switched into an existing PON connection in through mode, enabling the optical levels on the different downstream (OLT) and upstream (ONT) wavelengths for GPON and XGS-PON to be determined precisely at the same time. To do this, it measures the downstream (1490, 1577) and upstream (1270, 1310) wavelengths filtered. Other transmitters that may be on the line (so-called Alien-ONT) can be detected. The PON ID can also be read out from the PLOAM message. A PLOAM monitor scans all ONU IDs and serial numbers of connected ONTs on a PON branch. The 5-fold OPM has an additional optional 1550 nm filter for measurements in the video overlay range. Prepare now for the next generation of ultra-fast fiber optic accesses and the upcoming freedom of choice in end devices with an ARGUS® as a reliable reference device for testing.

Specifications:

• Measuring range:

• Downstream (OLT socket)

- 1577 & 1490 nm (filtered): -40 to +9 dBm (max. +18 dBm)
- 1550 nm (filtered): -40 to +16 dBm, opt. +18 dBm upon request

• Upstream (ONT socket)

- 1310 nm (filtered): -35 to +10 dBm (max. +18 dBm)
- 1270 nm (filtered): -35 to +10 dBm (max. +18 dBm)

• Accuracy: filtered ± 0.5 dB

• Insertion loss: approx. 1.5 dB

• Alien ONT detection (burst + permanent)

• Calibration conditions: -20 dBm, 23°C ± 5 K

• Connector: SC/APC, SFP+, LAN4 10 GBase-T (F200: only SC/APC)

• Readout of PON ID and XGS-PON ID* via SC/APC, detection up to:

- GPON ≥ -30 dBm / F200: ≥ -28 dBm
- XGS-PON ≥ -29 dBm / F200: ≥ -27 dBm

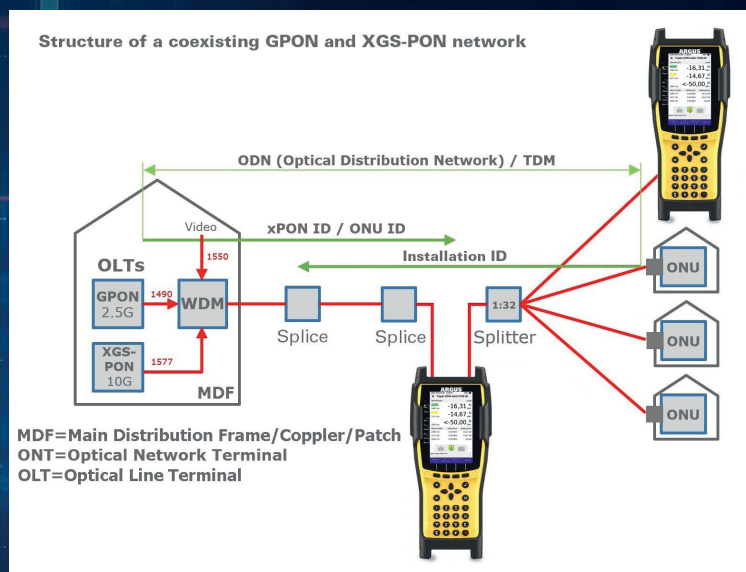
• Full ONT simulation** (GPON ONT or XGS-PON ONT) via additional GPON/XGS-PON SFP transceiver module

• IP/performance tests directly on GPON or XGS-PON and Ethernet with up to 10 Gbit/s***

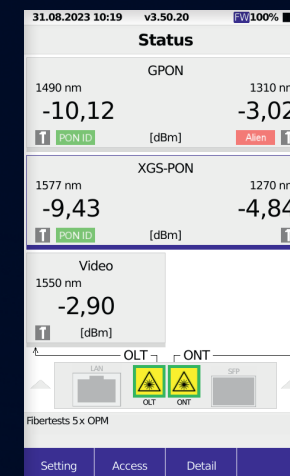
* the network must provide the ID for this

** Option available separately for ARGUS® F200

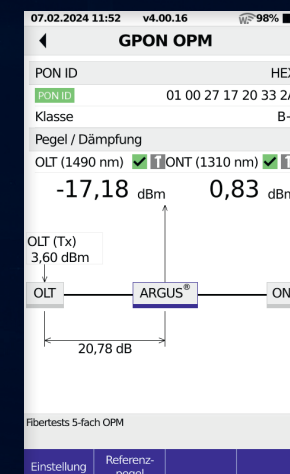
*** except ARGUS® F200



ARGUS®
testing the telecom network



Alien ONT detected



GPON-OPM

Available for:



intec

GESELLSCHAFT FÜR
INFORMATIONSTECHNIK mbH

Expand your ARGUS® now with the **xPON-4xOPM** (ARGUS® 300: art. no. 030108 / ARGUS® F300: art. no. 030608 / ARGUS® 260: art. no. 026208 / ARGUS® F240: art. no. 024608) or the **xPON-5xOPM** (ARGUS® 300: art. no. 030104 / ARGUS® F300: art. no. 030604 / ARGUS® 260: art. no. 026204 / ARGUS® F240: art. no. 024604). The ARGUS® F200 is available as a basic device with the **xPON-4xOPM** (art. no. 120630) or the **xPON-5xOPM** (art. no. 120610).

Rahmedestraße 90 · D-58507 Lüdenscheid · Tel. +49 23 51 / 90 70-0 · E-Mail: sales@argus.info · www.argus.info/en



www.facebook.com/intec.argus



www.instagram.com/intec_argus



ARGUS testing the telecom network



<https://www.linkedin.com/company/441568>