

# Fingerprint Orion DUO

*Your tough security*



Features	Biometric recognition module in-wall, stand alone or server based, non-wearing fingerprint sensor with toughest fiber optic surface, Ethernet, RS232 / RS485 interfaces, administration over network, configurable access groups, day time slices and access rules, log files, etc..., transmission of the Finger-IDs or templates over Ethernet or RS485.
Application	Biometric access control for the industry, office and private use for the outdoor or indoor area.
Opening	Uses the relay module Lupus. Four potential free terminals, max. 5 A, max. 230 V placed in the security area can be used in any combination. DIN rail.
Distance Scanner-Relays	Max. 1200 m.
Integrated Display	Optical: Yes, No, Quality of the placed finger.
Ergonomic	Clearly arranged finger contact area in an ergonomic 35° angle. Perfect to use by children as well as by tall adults with any finger, even in the standard installation height.
Installation	Scanner: In-wall mount. Opener: DIN rail, e.g. in the electricity meter cupboard.
Power Supply	12 V DC or Power over Ethernet PoE.
Input Power	Peak: ca. 2,5 W, idle: ca. 1,5 W.
Interfaces	Ethernet for administration and if so for the transmission of the Finger-ID, template or fingerprint image. RS485 for relay control or serial transmission of the Finger-ID. RS232 TTL for attached card readers or keypads.
Finger Administration	Central enrollment and user administration under Windows, authorizations distribution over Ethernet. Unlimited user on the PC, several thousand finger-templates in the control unit. Speed search filter for the actual authorizations.
Special Function	Transmission of the Finger-ID, template or fingerprint image over Ethernet in real time, to facilitate a central server administration.
Tightness	Weather proof, dust proof, water proof, IP 54 according DIN 40050.
Temperature	-40°C to +85°C (-40°F to 185°F)
Options	Metalized case, Keypad, RFID
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