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RF-200 & RF-220 RFID READER TECHNICAL SPECIFICATIONS

The Edesix RFID has been designed to make the process of allocating Edesix Body Worn Cameras to users more efficient and simpler for your staff.

By using RFID for allocating Body Worn Cameras, staff do not have to log in to VideoManager to manually allocate each user a VideoBadge. Instead, cameras are allocated with one touch of an RFID card to the RFID reader. This also means that staff can securely allocate themselves VideoBadges, rather than having to rely on those with the necessary permissions to allocate cameras.
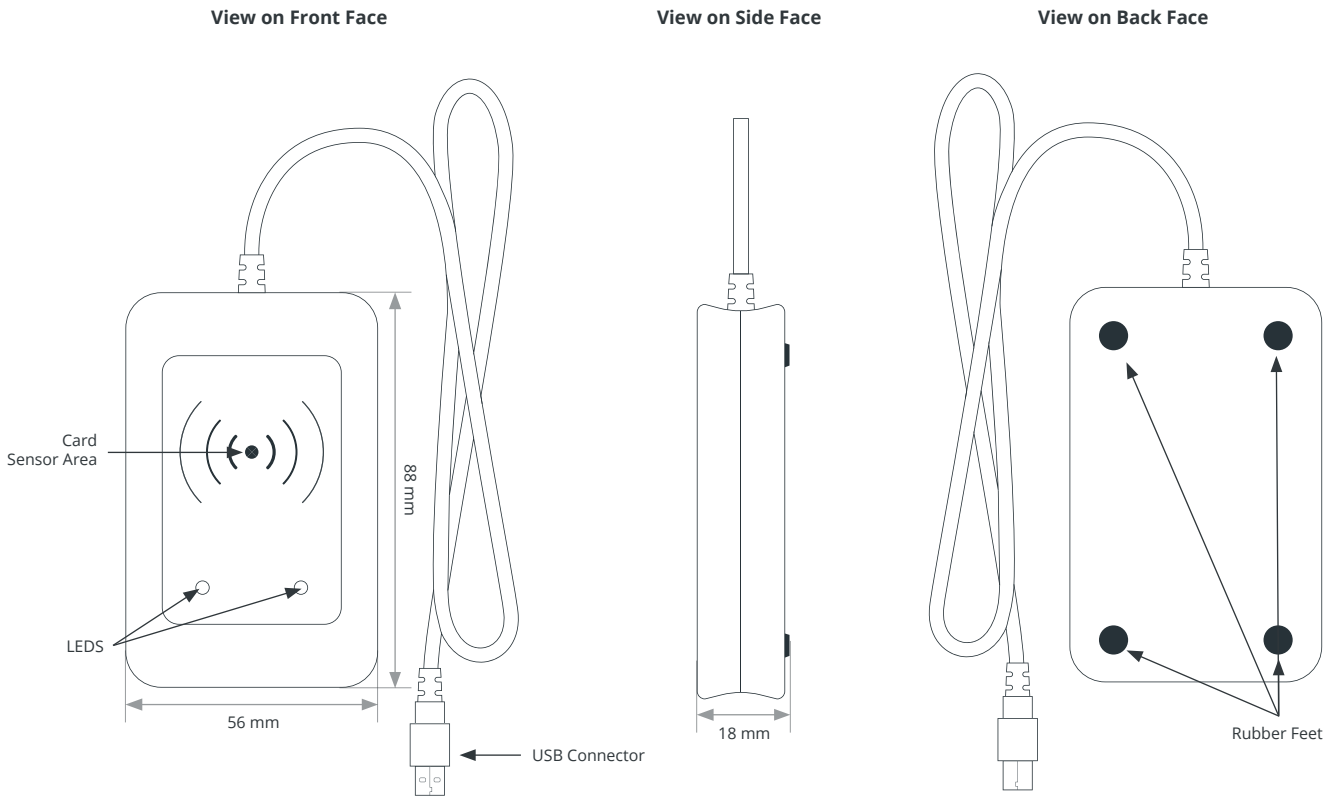
Using an RFID reader also has benefits when returning the camera at the end of a shift, allowing each device to be returned to the pool of allocation, so that the camera, once charged and footage offloaded, can be circulated back into the pool for use by another colleague.

This system can also be integrated into existing RFID systems, such as those used for access cards. This further streamlines the operation and cuts down on additional equipment needed by staff.

Using an RFID solution works in tandem with our DockController, which means that the allocation system still works even when remotely deployed from the main storage of camera footage.

FEATURE	DESCRIPTION / SPECIFICATION
Frequency	125/134.2 kHz (LF) / 13.56 MHz (HF) *(RF-200 and RF-220)* 2402 MHz – 2480 MHz (BT) *(RF-220 only)*
Antenna	Integrated
Dimensions	Desktop Reader: 88 mm x 56 mm x 18 mm
Range R/W distance	LF and HF: Up to 100 mm / 4 inch (depending on transponder) *(RF-200 and RF-220)* BT: up to several meters/feet (configurable, up to +8 dBm power) *(RF-220 only)*
Weight	115g

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View on Front Face   **View on Side Face**   **View on Back Face**

Card Sensor Area

LEDS

88 mm

56 mm

USB Connector

18 mm

Rubber Feet

FEATURE	DESCRIPTION / SPECIFICATION
Supported Transponder Cards	**ISO14443A:** *(RF-200 and RF-220)* LEGIC Advant, MIFARE Classic 1k & 4k EV1, MIFARE Classic, MIFARE Mini, MIFARE DESFire EV1, MIFARE DESFire EV2, MIFARE Plus S, X, MIFARE Pro X, MIFARE Smart MX, MIFARE Ultralight, MIFARE Ultralight C, MIFARE Ultralight EV1, NTAG2xx, PayPass, SLE44R35, SLE66Rxx (my-d move), Topaz **ISO14443B:** *(RF-200 and RF-220)* Calypso, Calypso Innovatron protocol, CEPAS, HID iCLASS, Moneo, Pico Pas, SRI4K, SRIX4K, SRI512, SRT512 **ISO18092 ECMA-340:** *(RF-200 and RF-220)* NFC Forum Tag 1-5, NFC Peer-to-Peer, Sony FeliCa, NFC Active and passive communication mode **ISO15693:** *(RF-200 and RF-220)* EM4x33, EM4x35, HID iCLASS, HID iCLASS SE/SR, ICODE SLI, LEGIC Advant, M24LR16/64, MB89R118/119, SRF55Vxx (my-d vicinity), Tag-it, PicoPass **125 kHz, 134.2 kHz:** *(RF-220 only)* AWID, Cardax, CASI-RUSCO, Deister[1], EM4100, 4102, 4200[2], EM4050, 4150, 4450, 4550, FDX-B, EM4105, HITAG 1[3], HITAG 2[3], HITAG S[3], IDTECK, Keri, Miro, Nedap[1], PAC, Pyramid, Q5, T5557, T5567, T5577, TIRIS/HDX, TITAN (EM4050), UNIQUE, ZODIAC

[1]Hash value only, [2]Only emulation of 4100, 4102, [3]Without encryption

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